# 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) <u>QUALIFIERS</u>

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Appendix 34-1. The column in the tables at 31.11 and 31.16 Table III headed "Fish Ingestion" is presumptively applied to 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, 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) <u>URANIUM</u>

- (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 Ute Mountain Ute Indian tribe's application for treatment as a state with respect to adoption of water quality standards. The Commission intends that the classifications and standards that it is adopting apply to the lands in question only to the extent that the state has jurisdiction and is not attempting to resolve that jurisdictional issue here. Segments within Reservation boundaries are noted in the segment description and last column of Tables 34.6(4).

## (5) <u>NUTRIENTS</u>

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

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the 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 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 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, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging 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 Name	Facility Name	Permit No.	
COSJPN02a	Bayfield Town of	BAYFIELD TOWN OF	CO0048291	
COSJAF12a	Grizzly Peak Water Sales & Distribution LLC	CASCADE VILLAGE WWTF	CO0039691	
COSJDO04a	Fort Beyhan LLC	DOLORES RIVER RV PARK AND CABINS	COG588071	
COSJDO04a	Dolores Town of	DOLORES WWTF	CO0040509	
COSJLP010	Dove Creek Town of	DOVE CREEK WWTF	COG589079	
COSJAF05a	Durango City of	DURANGO CITY OF	CO0024082	
COSJAF04b	Herrick Durango Land Co LLC	DURANGO NORTH PONDEROSA KOA	COG588020	
COSJAF13c	Durango West Metro Dist #2	DURANGO WEST METRO DIST #2 WWTF	COG589115	
COSJAF11b	Durango La Plata County Airport	DURANGO/LA PLATA COUNTY AIRPORT	CO0047457	
COSJAF10a	Edgemont Ranch Metro Dist	EDGEMONT RANCH METRO DISTRICT WWTF	CO0040266	
COSJPN02a	Five Branches Camper Park	FIVE BRANCHES CAMPER PARK	COG588054	
COSJAF10	Forest Groves Estates	FOREST GROVES ESTATES WWTP	COG588030	
COSJPN02a	Forest Lake Metro Dist	FOREST LAKES METRO DISTRICT	CO0048160	
COSJAF05a	Hermosa Sanitation District	HERMOSA SANITATION DISTRICT	COG588010	
COSJSJ06a	High Country Lodge LLC	HIGH COUNTRY LODGE	COG588002	
COSJPN02a	Pine River Camp LLC	KANAKUK COLORADO YOUTH CAMP	COG588059	
COSJLP08	Elegant Hills Park and Estates	LAKESIDE WWTF	COG589098	
COSJLP09	Lee Mobile Home Park	LEE MOBILE HOME PARK	COG589070	
COSJAF14b	MacArthur Apartments LLC	LIGHTNER CREEK CAMPGROUND	CO0026468	
COSJLP05	Mancos Town of	MANCOS TOWN OF	CO0021687	
COSJAF13d	Narrow Gauge MHP	NARROW GAUGE MHP	COG589077	
COSJSJ06b	Pagosa Springs Sanitation District	PAGOSA SPRINGS SAN DISTRICT WWTF	CO0022845	
COSJAF12a	Purgatory Metropolitan District	PURGATORY METROPOLITAN DIST	COG589010	
COSJSJ05	San Juan River Village Metro	SAN JUAN RIVER VILLAGE METRO WWTF	COG588013	

COSJAF03b	Silverton Town of	SILVERTON TOWN OF WWTF	CO0020311
COSJAF05a	South Durango Sanitation District	SOUTH DURANGO SD WWTF	COG588057
COSJLP07a	Cortez Sanitation District	SOUTHWEST WWTF	CO0027545
COSJLP05a	Upper Valley Sanitation	UPPER VALLEY SANITATION DIST.	CO0047147
COSJPN04a	Lipslea Enterprises LLC	VALLECITO RESORT	COG588026
COSJLP07a	Vista Verde Village LLC	VISTA VERDE VILLAGE	CO0037702
COSJPI06d	Pagosa Area Water and San Dist	VISTA WWTF	CO0031755

Prior to May 31, 2022:

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- 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.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

#### (2) <u>Abbreviations</u>:

(a) The following abbreviations are used in this regulation and the tables in Appendix 34-1:

°C	=	degrees Celsius
ch	=	chronic (30-day)
CI	=	chloride
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
DUWS	=	direct use water supply
D.O.	=	dissolved oxygen
DM	=	daily maximum temperature
E.coli	=	Escherichia coli
mg/l	=	milligrams per liter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters

SC	=	sculpin
sp	=	spawning
SSE	=	site-specific equation
t	=	total
Т	=	total recoverable
tr	=	trout
TVS	=	table value standard
µg/l	=	micrograms per liter
ŪΡ	=	use-protected
WAT	=	weekly average temperature
WS	=	water supply
WS-II	=	warm stream temperature tier two
WS-III	=	warm stream temperature tier three
WL	=	warm lake temperature tier
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(b) In addition, the following abbreviations are used:
 Fe(ch) = WS
 Mn(ch) = WS
 SO<sub>4</sub> = 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 µg/l (dissolved)
	Manganese	=	50µg/l (dissolved)
	SO <sub>4</sub>	=	250 mg/l

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

#### (c) Temporary Modification for Water + Fish Chronic Arsenic Standard

- (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μg/l that has been set to protect the Water + Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
- (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
- (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 μg/l (Trec), expiring on 12/31/2021.
  - (A) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
  - (B) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.

(C) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range.

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

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

PARAMETER <sup>(1)</sup>	TABLE VALUE STANDARDS <sup>(2)(3)</sup>			
Aluminum	Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$			
(T)	pH equal to or greater than 7.0 Chronic=e <sup>(1.3695[In(hardness)]-0.1158)</sup>			
	pH less than 7.0			
	Chronic= e <sup>(1.3695[In(hardness)]-0.1158)</sup> or 87, whichever is less			
Ammonia <sup>(4)</sup>	Cold Water = (mg/l as N) Total 0.275 39.0			
	$acute = \frac{0.275}{1+10} + \frac{39.0}{1+10} + 3$			
	$chronic = \left(\frac{0.0577}{1+10} + \frac{2.487}{1+10}\right) * MIN\left(2.85, 1.45 * 10^{0.028(25-T)}\right)$			
	Warm Water = (mg/l as N) Total			
	<i>acute</i> = $\frac{0.4\overline{11}}{1+10^{7.204}-pH} + \frac{58.4}{1+10^{pH}-7.204}$			
	chronic $(Apr1 - Aug31) = \left(\frac{0.0577}{1+10^{7.688}-pH} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN\left(2.85, 1.45 * 10^{0.028(25-T)}\right)$			
	chronic $(Sep 1 - Mar 31) = \left(\frac{0.0577}{1+10^{7.688}-pH} + \frac{2.487}{1+10^{pH-7.688}}\right) * 1.45 * 10^{0.028*(25-MAX(T, 7))}$			
Cadmium	Acute = (1.136672-[In(hardness) x (0.041838)] )x e <sup>0.9151[In(hardness)]-3.1485</sup>			
	Acute(Trout) = (1.136672-[ln(hardness)x (0.041838)]) x e <sup>0.9151[ln(hardness)]-3.6236</sup>			
	Chronic = (1.101672-[ln(hardness) x(0.041838)] x e <sup>0.7998[ln(hardness)]-4.4451</sup>			
Chromium III <sup>(5)</sup>	Acute = $e^{(0.819[ln(hardness)]+2.5736)}$			
	Chronic = $e^{(0.819[ln(hardness)]+0.5340)}$			
Chromium VI <sup>(5)</sup>	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-[(In(hardness)*(0.145712)])*e <sup>(1.273[In(hardness)]-1.46)</sup>			
	Chronic = (1.46203-[(In(hardness)*(0.145712)])*e <sup>(1.273[In(hardness)]-4.705)</sup>			
Manganese	Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$			
	Chronic = $e^{(0.3331 [ln (hardness)]+5.8743)}$			
Nickel	Acute = $e^{(0.846[ln(hardness)]+2.253)}$			
	Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$			

#### TABLE VALUE STANDARDS (Concentrations in µg/l unless noted)

Selenium <sup>(6)</sup>	Acute = 18.4 Chronic = 4.6					
Silver	Onionic = 4.0Acute = $\frac{1}{2}e^{(1.72[ln(hardness)]-6.52)}$ Chronic = $e^{(1.72[ln(hardness)]-9.06)}$ Chronic(Trout) = $e^{(1.72[ln(hardness)]-10.51)}$					
Temperature	TEMPERATURE TIER		SPECIES EXPECTED TO BE	APPLICABLE MONTHS	TEMPERATURE STANDARD (°C)	
			PRESENT		MWAT	DM
	Cold Stream Tier		brook trout, cutthroat	June – Sept.	17.0	21.7
	1		trout	Oct. – May	9.0	13.0
	Cold Stream Tier	CS-II	all other cold-water	April – Oct.	18.3	24.3
	2		species	Nov. – March	9.0	13.0
	Cold Lakes	CL	brook trout, brown	April – Dec.	17.0	21.2
			trout, cutthroat trout, lake trout, rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
	Cold Large	CLL	rainbow trout, brown	April – Dec.	18.3	24.2
	Lakes (>100 acres surface area)		trout, lake trout	Jan. – March	9.0	13.0
	Warm Stream	,	March – Nov.	27.5	28.6	
	Tier 2		central stoneroller, creek chub, longnose dace, northern redbelly dace, finescale dace, razorback sucker, white sucker, mountain sucker	Dec. – Feb.	13.8	25.2
	Warm Stream Tier 3	WS-III	all other warm-water species	March – Nov.	28.7	31.8
				Dec. – Feb.	14.3	24.9
	Warm Lakes WL	WL	black crappie, bluegill,	April – Dec.	26.2 2	29.3
		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	Jan. – March 13.1	13.1	24.1	
Uranium	Acute = e <sup>(1.1021[ln(hardness)]+2.7088)</sup> Chronic = e <sup>(1.1021[ln(hardness)]+2.2382)</sup>					
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 CaCO <sup>3</sup> 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.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 μg/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.

### (4) Discharger Specific Variances

(a) Animas and Florida River Segment 13c

Discharger Specific Variance, Durango West Metro Dist. #2 (COG589115): The first number is the underlying standard previously adopted by the Commission for the segment and represents the long-term goal for the waterbody. The first number will be used for assessing attainment for the waterbody and for the development of effluent limitations. The second number is the Commission's determination of the effluent concentration with the highest degree of protection of the classified use that is feasible for Durango West Metro District. Control requirements, such as discharge permit effluent limitations, shall be established using the first number as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number during the term of the DSV for the named dischargers.

#### (5) <u>Stream Classifications and Water Quality Standards Tables</u>

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

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.

## (6) <u>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 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

## 34.7 – 34.14 RESERVED

# 34.15 STATEMENT OF BASIS AND PURPOSE

#### I. Introduction

These stream classifications and water quality standards for State Waters of the San Juan River Basin including all tributaries and standing bodies of water and the Dolores River Basin including all tributaries and standing bodies of water south of the northern Dolores County line in all or parts of Archuleta, Conejos, Dolores, Hinsdale, La Plata, Mineral, Montezuma, Rio Grande and San Juan Counties implement requirements of the Colorado Water Quality Control Act C.R.S. 1973, 25-8-101 et seq. (Cum. Supp. 1981). They also represent the implementation of the Commission's Regulations Establishing Basic Standards and an Antidegradation Standard and Establishing a System for Classifying State Waters, for Assigning Standards, and for Granting Temporary Modifications (the "Basic Regulations)

The Basic Regulations establish a system for the classification of State Waters according to the beneficial uses for which they are suitable or are to become suitable, and for assigning specific numerical water quality standards according to such classifications. Because these stream classifications and standards implement the Basic Regulations, the statement of basis and purpose (Section 3.1.16) of those regulations must be referred to for a complete understanding of the basis and purpose of the regulations adopted herein. Therefore, Section 3.1.16 of the Basic Regulations is incorporated by reference. The focus of this statement of basis and purpose is on the scientific and technological rationale for the specific classifications and standards in the San Juan River Basin.

Public participation was a significant factor in the development of these regulations. A lengthy record was built through public hearings held on May 14, 1981. A total of 10 entities requested and were granted party status by the Commission in accordance with C.R.S. 1973, 24-4-101 et seq. (Cum. Supp. 1980). A supplementary public rulemaking hearing was held September 15, 1981, restricted to those issues raised by the changes in the Act contained in Senate Bill 10 (1981). Such issues included but were not limited to: "The economic reasonableness" evaluation required by 25-8-102(5), the effect on water rights as required by 25-8-104; and the new considerations for the adoption of water quality standards required by 25-8-204 C.R.S. 1973, as amended. The record established in these hearings forms the basis for the classifications and standards adopted.

#### II. General Considerations

1. These regulations are not adopted as control regulations. Stream classifications and water quality standards are specifically distinguished from control regulations in the Water Quality Control Act, and they need not be adopted as control regulations pursuant to the statutory scheme.

2. The Commission has been requested in public hearings to rule on the applicability of these and other regulations to the operation of water diversion facilities, dams, transport systems, and the consequent withdrawal, impoundment, non-release and release of water for the exercise of water rights. The Commission has determined that any such broad ruling is inappropriate in the context of the present regulations. The request does not raise specific questions as to proposed classifications and standards. However, the Commission has taken into account the fact that some issues are unresolved in adopting classifications and standards. On January 5, 1981, the Commission adopted a policy statement on quality/quantity issues that addresses a number of these concerns. Finally, the Commission has adopted these regulations in compliance with the requirements of the Water Quality Control Act that have bearing on these issues (See e.g.) sections 102, 104, and 503(5).

## III. Definition of Stream Segments

- 1. For purposes of adopting classifications and water quality standards, the streams and water bodies are identified according to river basin and specific water segments.
- 2. Within each river basin, specific water segments are defined, for which use classifications and numeric water quality standards, if appropriate, are adopted. These segments may constitute a specific stretch of a river mainstem, a specific tributary, a specific lake or reservoir, or a generally defined grouping of waters within the basin (e.g., a specific mainstem segment and all tributaries flowing into that mainstem segment).
- 3. Segments are generally defined according to the points at which the use, water quality, or other stream characteristics change significantly enough to require a change in use classifications and/or water quality standards. In many cases, such transition points can be specifically identified from available data. In other cases the delineation of segments is based upon best judgments of the points where instream changes in uses, water quality, or other stream characteristics occur.

#### IV. Use Classifications — Generally

1. Initially, recommendations for stream segmentation and use classifications are a result of input from 208 plans, water quality data and reports, the Division of Wildlife, and personal knowledge. After a basic outline of stream segments and use classifications was prepared, water quality data from a variety of sources was compared against the "table value" for the proposed use. "Table value" refers to the four tables attached to the "Basic Regulations". In general, if the mean plus one standard deviation ( $\bar{x} + s$ ) of the available data for the segment indicated that a particular parameter did not exceed the "table value" for that recommended use, the "table value" was listed as the recommended standards for the parameter. If the  $\bar{x} + s$  value was recommended as that standard for that parameter.

Conversely, if the ambient quality  $(\bar{x} + s)$  for a certain parameter exceeded the "table value" for the protection of a use, and there is information that the use is not in place, the use classification was modified or temporary modifications to the parameters were established. Ambient quality is generally defined as the quality attributable to natural conditions and/or uncontrollable non-point sources.

One exception to the procedure just described is for whole body contact recreation (class 1). If an active domestic waste discharge was located on the segment in question, class 1 recreation was not recommended regardless of the ambient quality, unless there was information to show that the segment was actually used for swimming. This policy was established by the WQCC in order to avoid penalizing a discharger for protecting a use which is not in place and to limit possible harm to aquatic life due to chlorine residuals.

- 2. The use classifications have been established in accordance with the provisions of Section 203 of the Water Quality Control Act and Section 3.1.6 and 3.1.13 of the Basic Regulations.
- 3. In all cases the basic regulation has been followed, in that an upstream use cannot threaten or degrade a downstream use. Accordingly, upstream segments of a stream are generally the same as, or higher in classification than, downstream segments. In a few cases, tributaries are classified at lower classifications than mainstems, where flow from tributaries does not threaten the quality of mainstem waters and where the evidence indicates that lower classification for the tributaries is appropriate.
- 4. There have been no "High Quality Class 1" designations assigned in this basin.
- 5. The Commission has determined that it has the authority to assign the classification "High Quality Waters Class 1"and "High Quality Waters Class 2"where the evidence indicates that the requirements of Sections 3.1.13(1)(e) of the basic regulations are met. The appropriateness of this classification has been determined on a case-by-case basis. Streams have in some cases been classified "High Quality Class 2"for one or more of the following reasons:
  - (a) to facilitate the enjoyment and use of the scenic and natural resources of the State in accordance with the Legislative Declaration of the Colorado Water Quality Control Act (25-8-102(1) C.R.S. 1973.
  - (b) to provide a high degree of protection deserving of wilderness areas which are a resource providing a unique experience.
  - (c) they contain threatened species or apply to wild and scenic river study areas or wilderness areas.
  - (d) the concern of the USFS that High Quality 2 classification will unduly burden their management of multiple use areas is not well founded. This is because activities on Forest Service land, i.e. grazing, mineral exploration, trail and road maintenance, are considered as a historical impact upon existing ambient water quality conditions, and are non point sources which are presently not subject to any Water Quality Control Commission regulations.
  - (e) a question exists as to whether existing diversion structures can be maintained consistent with a "High Quality - Class 1"designation. Because of the questions regarding authority to regulate diversions, the Class 1 designation was deemed potentially too rigid. The Commission recognizes its authority to upgrade these segments if and when it is appropriate to do so.
- 6. In accordance with 25-8-104, C.R.S. 1973, the Commission intends that no provision of this regulation shall be interpreted so as to supercede, abrogate, or impair rights to divert water and apply water to beneficial uses.

#### 7. <u>Qualifiers — Seasonal and Intermittent</u>

These qualifiers have been used to more fully describe characteristics of certain stream segments.

### 8. <u>Recreation — Class 1 and Class 2</u>

In addition to the significant distinction between Recreation - Class 1 and Recreation - Class 2 as defined in Section 3.1.13(1) of the Basic Regulations, the difference between the two classifications in terms of water quality standards is the fecal coliform parameter. Recreation - Class 1 generally has a standard of 200 fecal coliform per 100 ml; Recreation - Class 2 generally has a standard of 2000 fecal coliform per 100 ml.

In accordance with the Colorado Water Quality Control Act, the Commission has decided to classify as "Recreation - Class 2"those stream segments where primary contact recreation does not exist in the future, regardless of water quality. The Commission has decided to classify as "Recreation - Class 1"only those stream segments where primary contact recreation actually exists, or could reasonably be expected to occur. The reasons for the application of Recreation Class 2 are as follows:

- (a) The mountain streams in this region are generally unsuitable for primary contact recreation because of water temperature and stream flows.
- (b) Fecal coliform is an indicator organism. Its presence does not always indicate the presence of pathogens. This depends on the source of the fecal coliform. If the source is agricultural runoff as opposed to human sewage, there may be no health hazard and therefore no significant need to reduce the presence of fecal coliform to the 200 per 100 ml. level. Also, control of nonpoint sources is very difficult.
- (c) Treating sewage to meet the 200 per 100 ml. level generally means the treatment plant must heavily chlorinate its effluent to meet the limitation. The presence of chlorine in the effluent can be significantly detrimental to aquatic life. Post-treatment of effluent to meet the residual chlorine standard is expensive and often results in the addition of more chemicals which have a negative effect on water quality and can be detrimental to aquatic life. Therefore, reducing the need for chlorine is beneficial to aquatic life.
- (d) Even where a treatment plant in this region might treat its effluent to attain the standard of 200 per 100 ml., agricultural runoff and irrigation return flows below the plant may result in the rapid increase of fecal coliform levels. Therefore, the benefits of further treatment are questionable.
- (e) The fecal coliform of 2000 per 100 ml. has been established to provide general public health protection. There is no significant impact on domestic drinking water treatment plants because they provide complete disinfection. The standard of 200 per 100 ml. is not intended to protect the water supply classification.

#### 9. Water Supply Classification

The Commission finds that Colorado is a water short state and that it is experiencing considerable growth which places additional burdens on already scare water supplies. These considerations mitigate in favor of a conservation approach to protecting future water supplies. Where existing water quality is adequate to protect this use, and in the absence of dischargers to these segments or testimony in opposition to such classification, the water supply use has been assigned because it is reasonable to expect that it may exist in the future in such cases. For stream segments that flow through, or in the vicinity of, municipalities, this conclusion is further justified, since there is a reasonable probability that the use exists or will exist. Where the water supply classification has been opposed, the Commission has evaluated the evidence on a site specific basis, and in many cases the classification has been removed.

## V. Water Quality Standards — Generally

- 1. The water quality standards for classified stream segments are defined as numeric values for specific water quality parameters. These numeric standards are adopted as the limits for chemical constituents and other parameters necessary to protect adequately the classified uses in all stream segments.
- 2. Not all of the parameters listed in the "Tables" appended to the Basic Regulations are assigned as water quality standards. This complies with Section 3.1.7(c) of the Basic Regulations.

Numeric standards have been assigned for the full range of parameters to a number of segments where little or not data existed specific to the segment. In these cases, there was reason to believe that the classified uses were in place or could be reasonably expected, and that the ambient water quality was as good as or better than the numeric standards assigned.

3. A numeric standard for the temperature parameter has been adopted as a basic standard applicable to all waters of the region in the same manner as the basic standards in Section 3.1.11 of the Basic Regulations.

The standard of a 3° C temperature increase above ambient water temperature as defined is generally valid based on the data regarding that temperature necessary to support an "Aquatic Life - Class 1"fishery. The standard takes into account daily and seasonal fluctuations; however, it is also recognized that the 3° C limitation as defined is only appropriate as a guideline and cannot be rigidly applied if the intention is to protect aquatic life. In winter, for example, warm water discharges may be beneficial to aquatic life. It is the intention of the Commission in adopting the standard to prevent radical temperature changes in short periods of time which are detrimental to aquatic life.

4. Numeric standards for seventeen organic parameters have been adopted as basic standards applicable to all waters of the region in the same manner as the basic standards in Section 3.1.11 of the Basic Regulations. These standards are essential to a program designed to protect the waters of the State regardless of specific use classifications because they describe the fundamental conditions that all waters must meet to be suitable for any use.

It is the decision of the Commission to adopt these standards as basic standards because the presence of the organic parameters is not generally suspected. Also, the values assigned for these standards are not detectable using routine methodology and there is some concern regarding the potential for monitoring requirements if the standards are placed on specific streams. This concern should be alleviated by Section 3.1.14(5) of the Basic Regulations but there is uncertainty regarding the interpretation of those numbers by other entities. Regardless of these concerns, because these constituents are highly toxic, there is a need for regulating their presence in State waters. Because the Commission has determined that they have uniform applicability here, their inclusion as basic standards for the region accomplishes this purpose.

5. In many cases, the numeric water quality standards are taken from the "Tables" appended to the Basic Regulations. These table values are used where actual ambient water quality data in a segment indicates that the existing quality is substantially equivalent to, or better than, the corresponding table values. This has been done because the table values are adequate to protect the classified uses.

Consistent with the Basic Regulations, the Commission has not assumed that the table values have presumptive validity or applicability. This accounts for the extensive data in the record on ambient water quality. However, the Commission has found that the table values are generally sufficient to protect the use classifications. Therefore, they have been applied in the situations outlined in the preceeding paragraph as well as in those cases where there is insufficient data in the record to justify the establishment of different standards. The documentary evidence forming the basis for the table values is included in the record.

6. In many cases, instream ambient water quality provides the basis for the water quality standards (See 7 below). In those cases where the classified uses presently exist or have a reasonable potential to exist despite the fact that instream data reflects ambient conditions of lower water quality than the table values, instream values have been used. In these cases, the evidence indicates that instream values are adequate to protect the uses. In those cases where temporary modifications are appropriate, instream values are generally reflected in the temporary modification and table values are reflected in the corresponding water quality standard. (Goals are established for the appropriate classification affected by the parameter).

Cases in which water quality standards reflect these instream values usually involve the metal parameters. On many stream segments elevated levels of metals are present due to natural or unknown causes, as well as mine seepage from inactive or abandoned mines. These sources are difficult to identify and impractical or impossible to control. The classified aquatic life uses may be impacted and/or may have adjusted to the conditions. In either case, the water quality standards are deemed sufficient to protect the uses that are present.

- 7. The Commission rejected the proposal to assign only "temporary" standards pending additional data collection to verify or modify values assigned. Concerned parties concurred that triennial review will lead to updating of standards as necessary. Furthermore, limited financial resources will be focused upon streams with permitted discharges.
- 8. In those cases where there was no data for a particular segment, or where the data consists of only a few samples for a limited range of parameters, "table values" were generally recommended. Data at the nearest downstream point was used to support this conclusion. In some cases, where the limited data indicated a problem existed, additional data was collected to expand the data base. Additionally, where there may not be existing data on present stream quality, the Commission anticipates that if necessary, additional data will be collected prior to a hearing required by C.R.S. 1973, 25-8-204(3), as amended.
- 9. In most cases in establishing standards based on instream ambient water quality, a calculation is made based upon the mean (average) plus one standard deviation  $(\bar{x} + s)$  for all sampling points on a particular stream segment. Since a standard deviation is not added to the water quality standard for purposes of determining the compliance with the standard, this is a fair method as applied to discharges.

Levels that were determined to be below the detectable limits of the sampling methodology employed were averaged in as zero rather than at the detectable limit. This moves the mean down but since zero is also used when calculating wasteload allocations, this method is not unfair to dischargers.

Metals present in water samples may be tied up in suspended solids when the water is present in the stream. In this form they are "available" to fish and may not be detrimental to aquatic life. Because the data of record does not distinguish as to availability, some deviation from table values, as well as the use of x + s. is further justified because it is unlikely that the total value in all samples analyzed is in available form.

A number of different statistical methodologies could have been used where ambient water quality data dictates the standards. All of them have both advantages and disadvantages. It is recognized that the  $\bar{x}$  + s methodology also has weaknesses, in that the standard may not reflect natural conditions in a stream 100 per cent of the time, even though the use of  $\bar{x}$  + s already allows for some seasonal variability. However the use of this methodology is nevertheless justified since it provides the most meaningful index of stream quality of all methodologies proposed for setting stream standards.

10. No water quality standards are set below detectable limits for any parameter, although certain parameters may not be detectable at the limit of the standards using routine methodology. However, it must be noted that stream monitoring, as opposed to effluent monitoring, is generally not the responsibility of the dischargers but of the State. Furthermore, the purpose of the standards is to protect the classified uses and some inconvenience and expense as to monitoring is therefore justifiable.

Section 3.1.15(5) of the Basic Regulations states that "dischargers will not be required to regularly monitor for any parameters that are not identified by the Division as being of concern". Generally, there is no requirement for monitoring unless a parameter is in the effluent guidelines for the relevant industry, or is deemed to be a problem as to a specific discharge.

- 11. The dissolved oxygen standard is intended to apply to the epilimnion and metalimnion strata of lakes and reservoirs. Respiration by aerobic micro-organisms as organic matter is consumed is the primary cause of a natural decrease in dissolved oxygen and anaerobic conditions in the hypolimnion. Therefore, this stratum is exempt from the dissolved oxygen standard.
- 12. Where numeric standards are established based on historic instream water quality data at the level of  $\bar{x} + s$ , it is recognized by the Commission that measured instream parameter levels might exceed the standard approximately 15 percent of the time.
- 13. It is the Commission's intention that the Division implement and enforce all water quality standards consistent with the manner in which they have been established.
- 14. <u>Hardness/Alkalinity</u>

Where hardness and alkalinity numbers differed, the Commission elected to use alkalinity as the controlling parameter, in order to be consistent with other river basins and because testimony from the Division staff indicated that in most cases alkalinity has a greater effort on toxic form of metals than does hardness.

### VI. Water Quality Standards for Unionized Ammonia

On some Class 2 Warm Water Aquatic Life streams containing similar aquatic life communities to those found in the plains streams of the South Platte & Arkansas Basins, .1 mg/l ammonia was selected as being appropriate to protect such aquatic life.

These streams generally contain both lesser numbers and types of species than those inhabiting class 1 streams due to physical habitat characteristics, flow or irreversible water quality characteristics. The Commission felt that the incremental expense to meet a 0.06 mg/l unionized ammonia standard for present or potential dischargers along these streams cannot be justified. Low flow, in these segments is often intermittent or highly impacted by diversions.

Specifically, the Commission has relaxed unionized ammonia standards to .1 mg/l or greater on such streams for the following reasons:

1. limited nature of the aquatic life present;

- 2. limited recreational value of species present;
- 3. habitat limitations, primarily flow and streambed characteristics, that impose significant limitations on the nature of aquatic life, even if ammonia reductions were attained;
- 4. rapid dissipation of ammonia in streams, reducing the impact of such discharges downstream; and
- 5. economic costs of ammonia removal, especially where such costs would fall primarily on publiclyowned treatment works, and while the availability of construction grant funds is questionable.
- 6. Biosurveys with support from a bioassay conducted on fathead minnows performed in the Cache la Poudre River, show that a .1 mg/l standard is appropriate to protect existing biota in the stream. The results of these studies may be reasonably extrapolated to similar plains streams; i.e., those streams that demonstrate similar chemical, physical, and biological characteristics.

Not all warmwater streams are comparable in terms of flow habitat, and types and numbers of species of aquatic life. Therefore, some variations in an appropriate ammonia standard must be tolerated, with the objective of protecting existing aquatic life. The Commission found this approach preferable to totally removing the aquatic life classification from impacted or marginal aquatic life streams.

#### VII. Water Quality Standards for Uranium

Given the threat that radioactivity from uranium may pose to human health, it is advisable to limit uranium concentrations in streams to the maximum extent practicable. The Commission has adopted a standard of 40 pCi/l or natural background where higher, for the following reasons:

- 1. 40 pCi/l generally reflects background concentrations of uranium that may be found in streams in Colorado and therefore this amount approximates routine human exposure.
- 2. The statistical risk of human health hazards is small at 40 pCi/l.
- 3. 40 pCi/l is an interim level, established now pending the outcome of further studies currently underway.

#### VIII. Water Quality Standards for Cyanide

The Commission acknowledges that total cyanide is to be used in State Discharge permits until a method is authorized by EPA for measuring free cyanide, even though free cyanide is the parameter of concern. While cyanide has received special treatment in cases discussed in the segment - by - segment section which follows, a free cyanide standard based on Table Values has been established for most segments.

#### IX. Linkage of classifications and Standards

The Commission holds that the classifications which it adopts and the standards it assigns to them are linked. Disapproval by EPA of the standards may require reexamination by the Commission of the appropriateness of its original classification.

The reason for the linkage is that the Commission recognizes that there is a wide variability in the types of aquatic life in Colorado streams which require different levels of protection. Therefore, the numbers were chosen in some cases on a site specific basis to protect the species existing in that segment. If any reclassification is deemed a downgrading, then it will be based upon the grounds that the original classification was in error.

### X. Economic Reasonableness

The Commission finds that these use classifications and water quality standards are economically reasonable. The Commission solicited and considered evidence of the economic impacts of these regulations. This evaluation necessarily involved a case-by-case consideration of such impacts, and reference is made to the fiscal impact statement for this analysis. Generally, a judgment was made as to whether the benefits in terms of improving water quality justified the costs of increased treatment. In the absence of evidence on economic impacts for a specific segment, the Commission concluded that the regulations impose no unreasonable economic burden.

## XI. Classifications and Standards - Special Cases

1. <u>Page 1, Segment 2 - San Juan River in Archuleta County</u> (proposed as page 1, segment 2)

At issue was the recommendation contained in the Regional Water Quality Management "208"Plan that flow deficiencies and silt attributable to the San Juan - Chama diversion limited use of the segment to agriculture. Although both warm and cold water species, including trout, were observed in the segment, the Commission found from the evidence that there was perennial flow sufficient to support the aquatic life use proposed.

In view of controversy in the testimony concerning flow, the Commission considered the recommendation in the "208 Plan, yet classified the aquatic life use as class 1, cold water because other testimony indicated that recorded stream flows were ample to support aquatic life.

2. Page 2, Segment 8

This segment was incorporated into segment 5 of page 1.

3. Page 2, Segment 10

The "208" Plan was relied on by the Commission and no other evidence on this segment was presented.

#### 4. Page 3, Segment 3 - Piedra River

The Commission retained the cold water aquatic life class 1 classification after finding that although one small portion of the segment may be intermittent, due to diversion, it quickly remakes itself and the intermittent portion is very small compared with the total length of the segment. The Commission also notes that it's decision will have no impact on any discharger.

5. Page 4, Segment 2(a) and 2(b) Los Pinos River (proposed as page 4, segment 2)

The resegmentation recommended by the Division is consistent with segmentation described in the Regional (208) Plan.

#### 6. Page 6, Segment 2 - Animas and Florida Rivers

This is a large segment, exhibiting many water quality variables throughout its length. Although there is some evidence of insect life at points in the segment, the evidence regarding the presence of aquatic life is contradictory, and there is no evidence of fish life being present. In the absence of sufficient data to support the classification of any portion of this segment for aquatic life, the current status is being retained and no aquatic life, the current status is being retained and no aquatic life use is assigned. The Commission expects further information to be developed through studies sponsored by the Standard Metals Corporation and the Division.

The Commission declined to assign an agricultural classification to the segment due to the absence in the record of any evidence of an agricultural use in the segment.

## 7. Page 6, Segment 6

Since Cement Creek and its tributaries are degraded by abandoned mine drainage and past discharges, the Commission did not assign aquatic and agricultural classifications to the segment as had been proposed. The segment does not currently have an aquatic life classifications, and thus the status quo is maintained. The Commission placed recreation in the class 2 category as the basic use and found no agricultural use to be in place.

# 8. Page 7, Segment 7

The Woodling Study indicates that Mineral Creek from its source to its confluence with South Mineral Creek is highly toxic due to mineralization and there is not a likelihood that the sources of that toxicity will be corrected in 20 years. However the Commission concluded that there was likely to be aquatic life in that portion of Mineral Creek from below South Fork to Silverton. By changing the stream segment description such that it covers the mainstem of Mineral Creek including all tributaries from the source to a point immediately above the confluence with South Mineral Creek, the Commission was enabled to preserve the aquatic life classification on South Mineral Creek and the remaining portion of Mineral Creek into Silverton.

9. Page 8, Segment 12(a) and 12(b) (proposed as page 6, segment 12)

Lemon Reservoir was resegmented as 12(a) for the purposes of classifying it Recreation Class 1 in recognition of known use appropriate to that classification.

## 10. Page 8, Segment 13(a) and 13(b)

Segment 13 included Junction Creek. The Resegmentation was to separate Junction Creek as 13(a) so that different standards could be assigned to it to protect its sue as a water supply for a fish hatchery. The Commission felt that the testimony supported: (a) classification of the stream for cold water aquatic life class 2 because of poor habitat and low flow conditions; and (b) assignment of numeric standards to protect the fish hatchery. The Commission felt that the use was in place and that the assignment of these standards was economically reasonable. It does not appear that discharges from trailer parks into this segment adversely impact this use. There was insufficient evidence in the record for the Commission to conclude that there would be any economic impact on such dischargers.

#### 11. Page 8, Segment 15

Testimony was received by the Commission from the Purgatory Water and Sanitation District that the water supply classification was not applicable below the reservoir. The Commission concurred and determined that there should be no more than a class 2 aquatic life classification for this segment because of its intermittent flow and poor habitat characteristics. It was recommended that recreation class 2, agriculture and water supply be designated for the protection of the reach above the reservoir. Despite opposition to the water supply classification by Purgatory Water and Sanitation District based upon the absence of such use below Duncan Reservoir, the Commission finds that the presence of this use at other locations justifies the classification. This should not impact the District because the numeric standards for protection of the use are less stringent than those for protection of aquatic life and should be met by the discharger without additional treatment facilities.

### 12. Page 11, Segment 3 - Dolores River in Dolores County

Even though the regional "208" Plan recommended that the segment be classified for a water supply use, the Commission received no testimony that there was such use in the segment. Because of high levels of manganese and the lack of evidence of in place water supply use, the Commission did not so classify the segment. Anaconda Corporation proposed numeric standards for silver and mercury. The Division recommended to the Commission that it not utilize the Anaconda proposals for those constituents because they were based on limited data, unusually high values, and questionable analytical techniques. It had not been documented that the levels of those constituents proposed by Anaconda had been routinely found in the stream. Due to this lack of certainty with respect to these metals values, the Commission did not choose to use the Anaconda data on mercury an silver.

# 34.16 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY, AND PURPOSE:

The provisions of 25—8-202(1)(a)(b) and (2); and 25-8-204 C.R.S. provide the specific statutory authority for the numeric standards that were adopted.

The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statements of basis and purpose and fiscal impact.

## **BASIS AND PURPOSE - SAN JUAN AND DOLORES RIVER BASINS**

The basis and purpose for the changes by segment is as follows:

<u>Segment 6, Piedra River</u> - This segment contains the lakes listed for inclusion in the proposed Segment 7. In order to separate these lakes from this segment, the description must be changed.

<u>Segment 7, Piedra River</u> -The lakes listed are all fisheries and a majority of them are used for sport fishing. Their present inclusion in Segment 6 does not represent their actual use, i.e., Class 1 Aquatic Life, or provide standards to protect this use. The Commission has classified all reservoirs in Segment 7 as Warm Water Class 1 instead of Cold Water Class 1 on the basis that: 1) all reservoirs are already heavily managed, including aeration; 2) trout have been introduced into the reservoirs and do not occur naturally; and 3) at least temperature excursions above that require for cold water classification occur.

The Commission notes that the data base supporting this change in classification to warm water Class 1 is not extensive and further water quality monitoring is encouraged.

<u>Segment 15, Animas River</u> - Studies conducted by the Water Quality Control Division indicate that both Goulding Creek and Nary Draw are intermittent streams more appropriately classified under Segment 15 than under Segment 12a. The change in the description of Segment 15 will accomplish this and provide adequate protection of the uses.

<u>Segment 8, La Plata River, Mancos- River, McElmo Creek, and San Juan River</u> -The change in description to include Dolores County will include those streams which are unclassified under the existing description.

<u>Change in basin description at top of pages 9 and 10 of the Tables</u> -Change is needed to accurately reflect the streams included in this section with the change in description of Segment 8.

## 34.17 BASIS AND PURPOSE:

At the triennial review of the San Juan and Dolores River Basins in May, 1985, the Water Quality Control Division pointed out that the Division had recently (April, 1985) granted a variance to the limitation for cadmium in Anaconda Company's Rizo Mine discharge permit. The underlying stream concentration which was used to support the variance was 0.002 mg/l, and was based upon an  $\bar{x}$ + s calculation of fifteen cadmium data points above the St. Louis ponds discharge collected in 1981. The rationale for the variance anticipated the establishment of a revised cadmium standard through the established standards setting procedure of the Water Quality Control Commission, and noted that subsequent to that procedure, an amended discharge elimination in Anaconda's discharge permit would be written.

This amendment initiates the standards setting process envisioned when the cadmium variance was granted to Anaconda with the expectation that the variance will expire upon adoption of a new standard.

The revision of the cadmium standard from 0.0004 mg/l to 0.0012 mg/l is based upon a review of data supplied by Anaconda at stations D2 and D3 above the discharge point on the Dolores River. Consideration was also given to the existing table value for cadmium at the ambient hardness levels in the river, and the draft position on cadmium is being considered by the Basic Standards Task Force.

# 34.18 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY, AND PURPOSE; AUGUST, 1989 HEARING ON MULTIPLE SEGMENTS

The provisions of 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; 25-8-207 and 25-8-402 C.R.S. 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:**

First, the Commission has adopted new introductory language for the tables, in section 3.4.6(2). The purpose of this language is to explain the new references to "table value standards"(TVS) that are contained in the Tables. The other changes considered and adopted are addressed below.

#### A. Jurisdiction on Tribal Lands

On the issue of classifying and setting standards on tribal lands, the Commission was advised to classify and set standards as they would for waters on non-tribal lands with the understanding that the Commission is not attempting to assert jurisdiction or to usurp the authority of the tribe to classify and set standards for waters within the boundaries of the reservation.

#### B. Table Value Standards for Metals

San Juan, Segment 7; Los Pinos, Segment 4; Animas, Segment 5; Dolores, Segments 5 and 7.

Numerical standards for metals for these segments have in most instances previously been based on table values contained in Table III of the Basic Standards and Methodologies for Surface Water. Table III has been substantially revised, effective September 30, 1988. A few of these segments had no new data to indicate that new table value standards are not appropriate. There are also some of these segments whose previous standards were based in part on ambient quality, since their quality did not meet old table values based on alkalinity ranges. However, these segments generally have much higher hardness than alkalinity, and the new table values (based on hardness-dependent equations) are now appropriate as standards.

## C. New High Quality 2 Designations

San Juan, Segments 1, 5, and 9; Piedra, Segments 3 and 5; Los Pinos, Segment 2a; Animas, Segments 8a, 10, 11, 12a, 12b, and 14; La Plata, Segments 1 and 4; Dolores, Segments 4 and 10.

From the information available, it appears that the existing quality of these segments meets or exceeds the quality specified by the revised criteria in Table III, and new acute and chronic table value standards based thereon have therefore been adopted.

Second, in addition to these standards changes, the use classifications have been revised where necessary so that each of these segments has the following classifications:

Recreation - Class 1 Cold Water Aquatic Life - Class 1 Water Supply Agriculture

#### D. Existing High Quality 2 Segments; New Classifications and Standards

San Juan, Segment 4; Piedra, Segments 1 and 2; Los Pinos, Segment 1; Animas and Florida, Segment 1; Dolores, Segment 1.

These segments were already described as High Quality Class 2, as all are wilderness and wild and scenic rivers. Available information indicates that the parallel new High Quality 2 designation continues to be appropriate for each, along with new table value numeric standards and equations for cold water aquatic life classifications, i.e., acute (trout) for cadmium and zinc and chronic (trout) for silver.

The following use classifications, and associated table value standards, have been adopted for these segments:

Recreation - Class 1 Cold Water Aquatic Life - Class 1 Water Supply Agriculture

#### E. Existing High Quality 2 Segments; New Classifications and Standards

San Juan, Segments 3, 10, and 11; Piedra, Segment 6; Los Pinos, Segment 6; Animas and Florida, Segments 3, 4, 9, 13b, and 15; La Plata, Mancos, McElmo, and San Juan, Segments 2, 3, 5, 6, 7, and 8; Dolores, Segment 9 and 11. These segments all qualify for a Use-Protected designation based either on their present classifications or the existing standards contain three or more of the following metals parameters whose concentrations, based on total recoverable metals, indicate they may be worse than that specified in Table III for the protection of aquatic life class 1 use: cadmium, copper, iron, lead, or zinc.

# F. New Use-Protected Designation; Table Value Standards

Piedra, Segment 7; Animas and Florida, Segment 13a.

These segments qualify for a Use-Protected designation based upon their classification. Previous standards were based on table values and no new data was presented to indicate new table value standards are not appropriate.

For these segments, acute and chronic table value standards have been adopted for arsenic, cadmium, chromium (III and IV), copper, iron, lead, manganese, mercury, nickel, selenium, silver, and zinc.

## G. Revised Recreation Classification

San Juan, Segments 2 and 6; Piedra, Segment 4; Los Pinos, Segment 2b; La Plata, Segment 9

The recreation classification on these segments has been upgraded from Class 2 to Class 1 (whole body immersion is likely) because the stream sampling data indicate that the fecal coliform standard 200/100 ml is not being exceeded, and conditions are normally considered suitable for swimming or intentional whole body contact. This action was taken in response to a concern raised by the EPA regarding segments not attaining "fishable/swimmable" uses.

# H. Other Revisions

1. Los Pinos, Segments 3 and 5.

Based on stream sampling data for Segment 3, table value standards were established as were ambient standards for cadmium and lead. For Segment 5, ambient standards for cadmium and lead were added; table value standards were added for the remaining metals.

2. <u>San Juan, Segment 9</u> (Four Corners Area)

Table Value Standards for metals have been adopted for this segment with the exception of total recoverable iron whose 50 percentile value is 2200 ug/l. In addition, the recreation classification has been changed from Class 2 to Class 1 with a fecal coliform standard of 200/100 ml.

# 34.19 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY, AND PURPOSE; FEBRUARY, 1990 EMERGENCY RULEMAKING HEARING

The provisions of 25-8-208 and 25-8-402 C.R.S. provide the specific statutory authority for action on these regulatory amendments.

#### BASIS AND PURPOSE:

The Commission held this emergency rulemaking hearing to readopt the classifications and numeric standards for the San Juan River and Dolores River Basins to correct errors in the original filing. The affected regulation was amended on November 7, 1989 and was filed within the required timeframes with the Secretary of State's Office and the Office of Legislative Legal Services. The Commission learned shortly after the filings that three (3) pages had been inadvertently left out of the regulation, and that a typographical error appeared throughout the classification and standards tables that are part of the regulation. The Commission office was able to correct the errors with a replacement filing with the Secretary of State's Office so that the regulation published in the CCR (Colorado Code of Regulation) correctly reflects the Commission's actions.

The Office of Legislative Legal Services notified the Commission that it could not accept the corrected materials as they had not been submitted within the 20 day timeframe called for in section 24-4-103 (8) (d), C.R.S. of the "State Administrative Procedure Act". It was suggested that the Commission needed to repromulgate the rules that contained the errors submitted in November, 1989 and resubmit them.

The Commission elected to proceed on an emergency rulemaking basis to avoid any confusion that could result due to the fact that the two filings are currently not the same. Therefore, the Commission adopted the corrected version of the regulation at an emergency rulemaking hearing on February 6, 1990. Final action on the readoption is scheduled for June 5, 1990.

## 34.20 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY, AND PURPOSE; JUNE, 1990 RULEMAKING HEARING

The provisions of 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; 25-8-207 and 25-8-402 C.R.S. provide the specific statutory authority for action on these regulatory amendments.

#### **BASIS AND PURPOSE:**

The Commission held this rulemaking hearing to make permanent the emergency hearing that was held in February, 1990 to readopt the classifications and numeric standards for the San Juan River and Dolores River Basins to correct errors in the original filing. The affected regulation was amended on November 7, 1989 and was filed within the required timeframes with the Secretary of State's Office and the Office of Legislative Legal Services. The Commission learned shortly after the filings that three (3) pages had been inadvertently left out of the regulation, and that a typographical error appeared throughout the classification and standards tables that are part of the regulation. The Commission office was able to correct the errors with a replacement filing with the Secretary of State's Office so that the regulation published in the CCR (Colorado Code of Regulation) correctly reflects the Commission's actions.

The Office of Legislative Legal Services notified the Commission that it could not accept the corrected materials as they had not been submitted within the 20 day timeframe called for in section 24-4-103 (8) (d), C.R.S. of the "State Administrative Procedure Act". It was suggested that the Commission needed to repromulgate the rules that contained the errors submitted in November, 1989 and resubmit them.

The Commission elected to proceed on an emergency rulemaking basis to avoid any confusion that could result due to the fact that the two filings are currently not the same. Therefore, the Commission adopted the corrected version of the regulation at an emergency rulemaking hearing on February 6, 1990.

# 34.21 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; MARCH 1, 1993 HEARING:

The provisions of 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 adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4), C.R.S., the following statement of basis and purpose.

# **BASIS AND PURPOSE:**

The changes to the designation column eliminating the old High Quality 1 and 2 (HQ1, HQ2) designations, and replacing HQ1 with Outstanding Waters (OW) designation were made to reflect the new mandates of section 25-8-209 of the Colorado Water Quality Act which was amended by HB 92-1200. The Commission believes that the immediate adoption of these changes and the proposals contained in the hearing notice is preferable to the alternative of waiting to adopt them in the individual basin hearings over the next three years. Adoption now should remove any potential for misinterpretation of the classifications and standards in the interim.

In addition, the Commission made the following minor revisions to all basin segments to conform them to the most recent regulatory changes:

- 1. The glossary of abbreviations and symbols were out of date and have been replaced by an updated version in section 3.4.6(2).
- 2. The organic standards in the Basic Standards were amended in October, 1991, which was subsequent to the basin hearings. The existing table was based on pre-1991 organic standards and are out of date and no longer relevant. Deleting the existing table and referencing the Basic Standards will eliminate any confusion as to which standards are applicable.
- 3. The table value for ammonia and zinc in the Basic Standards was revised in October, 1991. The change to the latest table value will bring a consistency between the tables in the basin standards and Basic Standards.
- 4. The addition of acute un-ionized ammonia is meant to bring a consistency with all other standards that have both the acute and chronic values listed. The change in the chlorine standard is based on the adoption of new acute and chronic chlorine criteria in the Basic Standards in October, 1991.

Finally, the Commission confirms that in no case will any of the minor update changes described above change or override any segment-specific water quality standards.

# 34.22 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; MARCH 1, 1993 HEARING:

The provisions of 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 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:**

On November 30, 1991, revisions to "The Basic Standards and Methodologies for Surface Water" 3.10 (5 CCR 1002-8), became effective. As part of the revisions, the averaging period for the selenium criterion to be applied as a standard to a drinking water supply classification was changed from a 1-day to a 30-day duration. The site-specific standards for selenium on drinking water supply segments were to be changed at the time of rulemaking for the particular basin. Only one river basin, the South Platte, has gone through basin-wide rulemaking since these revisions to the "Basic Standards". Through an oversight, the selenium standards was not addressed in the rulemaking for this basin and has since become an issue in a wasteload allocation being developed for segments 15 and 16 of the South Platte. Agreement on the wasteloads for selenium is dependent upon a 30-day averaging period for selenium limits in the effected parties permits. Therefore, the parties requested that a rulemaking hearing be held for the South Platte Basin to address changing the designation of the 10 ug/l selenium standard on all water supply segments from a 1-day to a 30-day standard. The Water Quality Control Division, foreseeing the possibility of a selenium issue arising elsewhere in the state, made a counter proposal to have one hearing to change the designation for the selenium standard on all water supply segments statewide. The Commission and the parties concerned with South Platte segments 15 and 16 agreed that this would be the most judicious way to address the issue.

The change in the averaging period may cause a slight increase in selenium loads to those segments which have CPDS permits regulating selenium on the basis of a water supply standard. However, these segments are only five in number and the use will still be fully protected on the basis that the selenium criterion is based on 1975 national interim primary drinking water regulations which assumed selenium to be a potential carcinogen. It has since been categorized as a non-carcinogen and new national primary drinking water regulations were promulgated in 1991 that raised the standard to 50 ug/l.

The Commission also corrected a type error in the TVS for Silver by changing the sign on the exponent for the chronic standard for Trout from +10.51 to - 10.51.

#### 34.23 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY, AND PURPOSE; SEPTEMBER 12, 1994 HEARING:

The provisions of 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 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. BACKGROUND

Between 1991 and 1993 the Water Quality Control Division, in cooperation with several federal, state, local and private interests conducted an intensive water quality investigation of the Animas River and its tributaries from Elk Creek to the headwaters. The objectives of the study were to characterize the current chemical, biological, and physical conditions of the Animas River and selected tributaries above Elk Creek and to quantify the areas of highest metal loadings and determine the potential for water quality improvement sufficient to allow naturally reproducing trout populations; and to prioritize sites for remedial projects based on relative loading, environmental impact, feasibility, cost, and benefits.

The water quality of this area is extensively impacted by heavy metals which are attributed to both natural and anthropogenic factors. The results of the investigation have been used to identify the beneficial uses and water quality that are currently being achieved or that may reasonably be achieved within a twenty year period through restoration of disturbed sites.

#### B. OVERVIEW

The starting point for the Commission's analysis is a conclusion that appears to be shared by most, if not all, of the participants in this rulemaking proceeding: current water quality in the Animas River Basin can and should be improved. For example, quoting from the Statement of the Animas River Stakeholders' Group:

All stakeholders agree that current water quality can and should be protected from any further degradation; all agree that there are opportunities to make improvements, and that improvement is desirable even if it were not mandated; all agree that the task before us now is to identify the sources of significant human-caused loadings and find ways to remediate them.

Beyond this starting point, there was considerable debate in the hearing, and among Commission members in its initial deliberations, regarding the most appropriate and constructive way to encourage and stimulate the desired water quality improvement. One perspective offered was that the Commission should adopt underlying numerical and narrative standards for the critical segments in question that would establish goals for water quality improvement, tempered by temporary modifications that recognize current water quality. An alternative perspective suggested that adopting such goals as legally effective standards before the feasibility of specific clean-up projects had been determined—and the achievable improvement quantified—may hinder the cooperative, community-based effort that has been evolving to identify, prioritize and acquire funding for remediation projects.

Following extensive discussion and debate, the Commission has decided to adopt a hybrid result that consists of two components. First, the set of proposals advanced by the Water Quality Control Division staff, based on the promulgation of underlying goal-based numerical and narrative standards for the critical segments, is adopted by the Commission with a three-year delayed effective date. The Commission finds that the evidence submitted in the hearing provides a sound scientific basis for the adoption of the Division's proposal, with the caveat that three-year temporary modifications almost certainly will not provide an adequate period in which to achieve water quality improvement that will attain the underlying standards. The issue of temporary modifications is discussed further below.

The second component of the action being taken by the Commission is the adoption of ambient quality-based standards that will be in place for the critical segments until the effective date of the goal-based standards described above. The purpose of taking this step, as opposed to adopting the goal-based standards with an immediate effective date, is to encourage the cooperative, community-based effort toward water quality improvement that has begun in the basin, unencumbered by the potential implications of the goal-based standards being in effect. This action is an experiment, intended to assess the ability of a cooperative process to achieve meaningful progress toward water quality improvement without the underlying improvement goal being reflected in currently effective, legally binding water quality standards.

If substantial progress toward water quality improvement—through the identification, prioritization and implementation of remediation projects—is achieved within the next three years, and if it appears three years from now that the lack of legal effectiveness of the goal-based standards will provide the best stimulus for further progress, further delay in the effective date of the goal-based standards can be considered by the Commission at that time. Of course, such progress could also demonstrate that the identified goals are achievable, or that they should be refined in some manner. If, however, substantial and diligent progress toward water quality improvement is not achieved over the next three years, it is the intent of the Commission that the goal-based standards should and will be allowed to go into effect at that time to stimulate further progress. In a new rulemaking hearing, the burden should be on those that have argued that clean-up will be more successful with a cooperative effort working toward a goal, without that goal being reflected in currently effective water quality standards, to demonstrate the success of this experiment.

The Water Quality Control Commission expects that the cooperative effort will be successful and is attempting by this action to send that message to all stakeholders. To those concerned about the potential impacts on property owners of goal-based standards being in effect, the message is that the Commission wants to encourage this locally-driven, cooperative watershed improvement initiative by demonstrating as much flexibility as possible. To federal agencies or others with potential resources to devote to water quality improvement efforts, the message is that working toward such improvement in this basin is an extremely high priority for the State of Colorado. To the Water Quality Control Division and those that supported their proposal in this rulemaking proceeding, the message is that the Commission has been persuaded—based on the unprecedented level of monitoring and analysis that has occurred in this basin-that a sound scientific justification has been provided for the adoption of goal-based water quality standards, and that these standards should be allowed to go into effect unless it is demonstrated that the pending experiment in cooperative watershed management can succeed without this legal impetus. To all of the residents of the Animas River Basin, the message is that the Commission is concerned about water quality in your basin and is willing to work with you to explore whatever options appear most likely to facilitate progress toward water quality improvement in the least disruptive and most expeditious manner.

In summary, the Commission's action in revising the Animas River Basin water quality classifications and standards should in no way be interpreted as a sanctioning of the status quo. To repeat, current water quality in the Animas River Basin can and should be improved. The purpose of the Commission's action is to establish a clear goal of attaining such improvement, while providing regulatory flexibility intended to encourage cooperative efforts toward such improvement.

## C. IMPLICATIONS OF THE HYBRID ACTION

Because of the unorthodox nature of the hybrid action being taken, the Commission believes that it may be important to clarify its understanding regarding the implications of this action for various activities or decisions that will need to be undertaken by others during the next three years.

For any existing point source discharge permit that may come up for renewal during the next three years, or for any new wastewater discharge permit issued during this period, the Commission intends that the permit would be written based on the ambient quality-based standards then in effect, along with other applicable effluent quality restrictions. The Commission also understands that ambient quality-based standards would require the continuation of current treatment levels for permit renewals, to assure that further degradation of water quality does not occur.

To the extent that general or individual storm water permits may be required for some sites in the basin, the Commission understands that the water quality standards now being adopted are not likely to affect the content of the first round of any such permits, which are anticipated to be based principally on the implementation of best management practices (BMPs). Such initial BMPs are not likely to be significantly different whether they are deemed to be technology-based or water quality-based.

Finally, as discussed above, the Commission intends this action to provide a clear message to other agencies, entities and persons involved with potential nonpoint source clean-up projects that the Animas River Basin is in fact a high priority for such efforts. The delayed effective date for goal-based standards should not be interpreted to in any way lessen the priority of this basin; rather, as discussed above, this hybrid action is intended to provide flexibility for the cooperative, community-based efforts toward clean-up while at the same time clarifying that improvement is the goal.

# D. DELAYED CLASSIFICATIONS AND STANDARDS

This portion of this statement describes the basis for the goal-based standards that are scheduled to go into effect three years after the effective date of this action.

The upper Animas water quality study found that the Animas River and several tributaries above Maggie Gulch (segment 2), the Animas River from Cement Creek to Mineral Creek (segment 3b). Cement Creek and its tributaries (segment 7), and Mineral Creek above the confluence with South Mineral Creek (segment 8) do not support diverse forms of aquatic life owing to poor water quality and limited physical habitat. The imposition of effluent limits required under the Federal Act for point sources and cost-effective and reasonable best management practices (BMP's) for nonpoint sources are not likely to lead to the establishment of aquatic life in these segments. Additionally, federal regulation (40 C.F.R. 131.10) allows excluding an aquatic life classification where naturally occurring pollutant concentrations prevent the attainment of the use and/or human caused conditions or sources of pollution prevent the attainment of the use and cannot be remedied or would cause more environmental damage to correct than to leave in place. Therefore, an aquatic life classification is not being adopted for these segments. Downstream use classifications, however, depend on maintaining or improving the water quality in these segments. The Commission has therefore, determined that narrative standards for metals based on the application of BMP's to nonpoint sources and the continuation of current treatment levels for existing point sources for these segments establish an appropriate goal for water quality in these segments. Narrative (and for zinc in segment 3b, numerical) temporary modifications have been adopted based on current ambient quality in these segments, to assure no additional degradation of downstream segments.

The Commission recognizes that even with aggressive clean-up efforts, it may take many years to achieve in-stream quality that attains the underlying goal-based standards. Three-year temporary modifications are being adopted in an attempt to avoid conflict with the current EPA policy that temporary modifications are variances that can not be extend for longer than three years without being readopted. The Commission anticipates that many, if not all, of the temporary modifications being adopted in this proceeding will need to be extended beyond three years to attain the underlying standards, even considering the delayed effective date of that portion of the action that includes temporary modifications.

The Commission has further determined that the Animas River between Maggie Gulch and Cement Creek (segment 3a) supports a population of brook trout that appears to be naturally reproducing in that it consists of multiple age classes. The segment also contains a diversity of macrobenthos and possesses physical habitat similar to other streams in the Southern Rocky Mountain ecoregion. Although the concentration of several metals, especially cadmium and zinc. are higher than what is required to protect the most sensitive aquatic life species, they are lower than the chronic toxic criteria for brook trout. Therefore a cold water aquatic life class 1 classification is being established to protect the resident aquatic life found in this segment. Ambient standards for cadmium and zinc are adopted to ensure that downstream use classifications and standards are not jeopardized. The imposition of effluent limits required under the Federal Act for point sources and cost- effective and reasonable best management practices for nonpoint sources are not likely to lead to the establishment of the most sensitive aquatic life species in this segment. However, consistent with its prior practice, the Commission has determined that the most sensitive species need not be present to find that a segment is "capable of sustaining a wide variety of cold water biota, including sensitive species", warranting a cold water class 1 classification. Section 3.1.7(1)(b)(ii) authorizes ambient standards where natural or irreversible man-induced ambient levels are higher than TVS but are adequate to protect the classified uses.

Mineral Creek between South Mineral Creek and the Animas River, renumbered segment 9b, was already classified aquatic life cold water class 1, with total recoverable table value standards. The upper Animas water quality study showed that pH, aluminum, copper, iron, and zinc greatly exceed TVS in this segment and that both fish and macroinvertebrates are absent from the segment. The physical habitat assessment, however, found it comparable to other habitats within the Southern Rocky Mountain ecoregion. Because most of the aluminum, copper, iron, and zinc are contributed from two areas, there may be a potential to reduce loading from either or both of these areas. The Commission chose not to remove the aquatic life classification until it has been demonstrated that sources cannot be remedied within a twenty year period or would cause more environmental damage than to leave it in place. The Commission adopted TVS for segment 9b, together with temporary modifications for aluminum, copper, iron, and zinc based on ambient quality until the feasibility of remediation has been established. A use-protected designation has been added to this segment based on four key parameters with existing quality worse than table values.

The Animas River between Mineral Creek and Elk Creek, renumbered segment 4a, has not previously had an aquatic life classification. The upper Animas water quality study found that the water quality below Mineral Creek is suitable for brook trout and has physical habitat similar to other aquatic life streams in the Southern Rocky Mountain ecoregion. Some improvement in water quality from Cement Creek, Mineral Creek, and/or the Upper Animas may enable the water quality of the segment to support brown trout. However, the imposition of effluent limits required under the Federal Act for point sources and cost-effective and reasonable best management practices for nonpoint sources are not likely to lead to the establishment of aquatic life uses including the most sensitive species in this segment. The Commission adopted the aquatic life cold class 1 classification as a goal and TVS for this segment, except for the zinc standard which is based on the chronic toxic criterion for brown trout. Consistent with its prior practice, the Commission has determined that the most sensitive species need not be present or attainable to find that a segment is or may become "capable of sustaining a wide variety of cold water biota, including sensitive species", warranting a cold water class 1 classification. A temporary modification for zinc, based on the ambient quality, has been adopted until the feasibility for load reduction has been established.

# E. AMBIENT QUALITY-BASED STANDARDS

This portion of this statement describes the basis for the ambient quality-based standards that are adopted for the three-year period starting with the effective date of this action.

For segments 2, 3b, 7 and 8, the Commission has adopted a narrative standard based on existing ambient quality for all metals to be applicable for the next three years. For segments 4a, 4b, and 9b, for this same time period the Commission has adopted ambient-quality based numerical standards for specific metals for which ambient quality currently is higher (worse than) table values. These standards are intended to protect the aquatic life that is currently in place in these segments until the goal-based standards go into effect. As discussed above, the primary basis for adopting these numerical and narrative ambient quality-based standards is to provide maximum regulatory flexibility to encourage the cooperative, community-based effort toward clean-up to proceed. This approach provides time in which additional information can be developed regarding the feasibility of specific remedial efforts that will result in water quality improvement.

Having ambient standards in place for the next three years means that any point source permits issued or renewed during this period will be based on those ambient standards, along with other applicable effluent quality restrictions, rather than being based on the more stringent goal-based standards. At the same time, the ambient standards should help assure that no additional degradation in water quality occurs for these segments in the next three years while clean-up actions are being examined and initiated.

For segment 4a, the aquatic life cold class 2 classification and the use-protected designation proposed by Sunnyside have been adopted for the next three years, since this classification and designation appear to be more consistent with the ambient standards applicable during that period. As discussed above, at the end of three years the use-protected designation would expire and the aquatic life classification would become cold water class 1.

For segment 9b, the currently applicable class 1 aquatic life classification has been left in place, even though ambient standards proposed by Sunnyside have been adopted for the next three years. The Commission believes that a downgrading of the classification of this segment is premature, pending additional analysis of clean-up opportunities. As noted above, the use-protected designation proposed by the Division and several parties has also been adopted.

# F. OTHER ISSUES

The above discussion, like the evidence submitted at the hearing, focuses principally on appropriate aquatic life classifications and associated water quality standards. In this hearing the Commission also added an agriculture classification to segments 2, 3a, and 7, based on evidence regarding the presence of grazing. In addition, the Commission changed the recreation classification from class 2 to class 1 for segments 4a, 4b, 5a, and 5b, based on evidence regarding the presence of primary contact recreation. Finally, fecal coliform standards for segments 2 and 3a were changed from 2,000 to 200/ml, to provide additional protection that better reflects current ambient conditions. There are no affected point sources on these segments.

# 34.24 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE: MARCH 14, 1995 HEARING (San Juan and Dolores River Basins revisions)

The provisions of 25-8-202(1)(a), (b) and (2): 25-8-204; and 25-8-402 C.R.S. provide the specific statutory authority for the adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

#### **BASIS AND PURPOSE**

The Water Quality Control Division (Division) proposed that the Water Quality Control Commission consider the following changes to the Classifications and Numeric Standards for San Juan River and Dolores River Basins, 3.4.0. The basis and purpose for the changes are organized by topic.

### A. Resegmentation

Several of the segments contained waters that crossed into or were on the Southern Ute and Ute Mountain Indian Reservations. Both tribes are in the process of developing classifications and standards for waters within their reservations and it was agreeable to both tribes that those segments should be bi-furcated to indicate which portions are on tribal lands and to ease their future removal from the state standards system when the tribes' standards are approved by the U. S. Environmental Protection Agency. The segments on the Southern Ute Reservation, at the request of the Southern Ute Tribe, have been maintained at the classifications and standards in effect prior to this rulemaking hearing. The standards on some segments on the Ute Mountain Reservation, after discussion with tribal representatives, were changed to parallel the changes made by the state on the adjacent segments. These were all related to changes from total recoverable to dissolved metals standards where data indicated table value standards for metals were appropriate.

In addition to the bifurcation of segments, all segments, new and old, which delineate tributaries have added wetlands to their descriptions to clarify that all tributary wetlands have the same classifications and standards as the tributary streams, lakes and reservoirs.

The DOW identified several areas requiring resegmentation or changes to standards in order to protect fisheries. Therefore, the following changes were made. Mill Creek and Echo Canyon Reservoir were reassigned from San Juan segment 11 to San Juan segment 6a. Weber Canyon was reassigned from Mancos segment 6 to Mancos segment 5a. Summit Reservoir was reassigned from Dolores segment 11 to Dolores segment 4. Narraguinnep, Puett and Totten Reservoirs are reassigned from McElmo Creek segment 8 to McElmo Creek segment 11. According to new information, these waters support fisheries, fish consumption, and intensive recreation, and are suitable for domestic use. Therefore, this new segment 11 was assigned classifications of Recreation class 1, Aquatic Life Warm 1, Water Supply and Agriculture, with appropriate table value standards.

#### B. Segments Converted to Dissolved Metals Standards

There were several segments which still had metals standards based on the old total recoverable criteria. Review of metals data submitted to the hearing allowed the metal standards on the following segments to be appropriately converted from total recoverable to dissolved standards:

San Juan River segment 6a Piedra River segment 4a La Plata River segment 2a Mancos River segments 5a and 5b McElmo Creek segment 7 Dolores River segments 2, 3, 5, 6, and 9

# C. Revision of Classifications or Standards to Meet the Fishable/Swimmable Goals of Clean Water Act

Several segments in the San Juan-Dolores river basins did not have use classifications which met the swimmable goals of the Clean Water Act. Consistent with strategies adopted by the Commission, these segments which are designated recreation class 2 and have no point source dischargers to the segment have had their fecal coliform standard set equal to 200/100 ml. These segments are:

La Plata River segment 2a Dolores River segments 2, 3, 5, 6, 8, and 9

## D. Manganese and Mercury Standards

On all segments classified for water supply and aquatic life uses, the total recoverable manganese standard of 1,000 ug/l was stricken. The aquatic life manganese criterion was changed in 1991 revisions to the Basic Standards from total recoverable to dissolved and on these segments a more stringent dissolved manganese water supply standard of 50 ug/l is in place.

Mercury standards designated as total recoverable (Trec) were changed to Total (tot). This change reflects the Basic Standards designation of total mercury as the appropriate form of mercury for final residual value (FRV) standards.

## E. Deletion of Use-Protected Designation

One segment classified aquatic class 1, Piedra River segment 7, was found to have a useprotected designation which was based on prior basic standards requirements pertaining to waters classified as warmwater aquatic life class 1, recreation class 2. The designation was removed to conform to the requirements now in effect.

#### F. Water Supply Classifications and Standards

New data on several segments showed the water quality to be suitable for a water supply classification. The water supply classifications and standards were added to the following segments:

San Juan River segment 6a Piedra River segment 4a McElmo Creek segment 11

# PARTIES TO THE MARCH, 1995 RULEMAKING HEARING

- 1. Pagosa Springs Sanitation District
- 2. Southwestern Water Conservation District
- 3. Southern Ute Indian Tribe
- 4. Pagosa Area Water and Sanitation District
- 5. Board of County Commissioners of San Juan County
- 6. U.S. Environmental Protection Agency's Region VIII Office
- 7. Colorado Division of Wildlife

# 34.25 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE (1995 Silver hearing)

The provisions of C.R.S. 25-8-202(1)(b), (2) and 25-8-204; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

The changes described below are being adopted simultaneously for surface water in all Colorado river basins.

This action implements revisions to the Basic Standards and Methodologies for Surface Water adopted by the Commission in January, 1995. As part of a July, 1994 rulemaking hearing, the Commission considered the proposal of various parties to delete the chronic and chronic (trout) table values for silver in Table III of the Basic Standards. As a result of that hearing, the Commission found that the evidence demonstrated that ionic silver causes chronic toxicity to fish at levels below that established by the acute table values. It was undisputed that silver is present in Colorado streams and in the effluent of municipal and industrial dischargers in Colorado. The evidence also demonstrated that the removal of silver from wastewater can be costly. However, there was strongly conflicting scientific evidence regarding the degree to which silver does, or could in the absence of chronic standards, result in actual toxicity to aquatic life in Colorado surface waters. In particular, there was conflicting evidence regarding the degree to which the toxic effects of free silver are mitigated by reaction with soluble ligands to form less toxic compounds and by adsorption to particulates and sediments.

The Commission concluded that there is a need for additional analysis of the potential chronic toxicity of silver in streams in Colorado. The Commission encouraged the participants in that hearing, and any other interested parties, to work together to develop additional information that will help resolve the differences in scientific opinions that were presented in the hearing. The Commission believes that it should be possible to develop such information within the next three years.

In the meantime, the Commission decided as a matter of policy to take two actions. First, the chronic and chronic (trout) table values for silver have been repealed for the next three years. The Commission is now implementing this action by also repealing for the next three years, in this separate rulemaking hearing, all current chronic table value standards for silver previously established on surface waters in Colorado. Any acute silver standards and any site-specific silver standards not based on the chronic table values will remain in effect. The Commission intends that any discharge permits issued or renewed during this period will not include effluent limitations based on chronic table value standards, since such standards will not currently be in effect. In addition, at the request of any discharger, any such effluent limitations currently in permits should be deleted.

The second action taken by the Commission was the readoption of the chronic and chronic (trout) table values for silver, with a delayed effective date of three years from the effective date of final action. The Commission also is implementing this action by readopting chronic silver standards with a corresponding delayed effective date at the same time that such standards are deleted from the individual basins. The Commission has determined that this is an appropriate policy choice to encourage efforts to reduce or eliminate the current scientific uncertainty regarding in-stream silver toxicity, and to assure that Colorado aquatic life are protected from chronic silver toxicity if additional scientific information is not developed. If the current scientific uncertainty persists after three years, the Commission believes that it should be resolved by assuring protection of aquatic life.

In summary, in balancing the policy considerations resulting from the facts presented in the July 1994 rulemaking hearing and in this hearing, the Commission has chosen to provide relief for dischargers from the potential cost of treatment to meet chronic silver standards during the next three years, while also providing that such standards will again become effective after three years if additional scientific information does not shed further light on the need, or lack of need, for such standards.

Finally, the Division notes that arsenic is listed as a TVS standard in all cases where the Water Supply classification is not present. This is misleading since Table III in the Basic Standards lists an acute aquatic life criterion of 360 ug/l and a chronic criterion of 150 ug/l for arsenic, but a more restrictive agriculture criterion of 100 ug/l. It would be clearer to the reader of the basin standards if, for each instance where the standard "As(ac/ch)=TVS" appears, the standard "As=100(Trec)" is being inserted as a replacement. This change should make it clear that the agriculture protection standard would prevail in those instances where the more restrictive water supply use protective standard (50 ug/l) was not appropriate because that classification was absent.

The chemical symbol for antimony (Sb) was inadvertently left out of the "Tables" section which precedes the list of segments in each set of basin standards. The correction of this oversight will aid the reader in understanding the content of the segment standards. Also preceding the list of segment standards in each basin is a table showing the Table Value Standards for aquatic life protection which are then referred to as "TVS" in the segment listings. For cadmium, two equations for an acute table value standard should be shown, one for all aquatic life, and one where trout are present. A third equation for chronic table value should also be listed. The order of these three equations should be revised to first list the acute equation, next the acute (trout) equation, followed by the chronic equation. This change will also aid the reader in understanding the intent of the Table Value Standards.

## PARTIES TO THE PUBLIC RULEMAKING HEARING JUNE 12, 1995

- 1. Coors Brewing Company
- 2. The Silver Coalition
- 3. Cyprus Climax Metals Company
- 4. The City of Fort Collins
- 5. The City of Colorado Springs

### 34.26 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JULY, 1997 RULEMAKING

The provisions of sections 25-8-202 and 25-8-401, C.R.S., provide the specific statutory authority for adoption of the attached regulatory amendments. The Commission also adopted, in compliance with section 24-4-103(4) C.R.S., the following statement of basis and purpose.

## **BASIS AND PURPOSE**

The Commission has adopted a revised numbering system for this regulation, as a part of an overall renumbering of all Water Quality Control Commission rules and regulations. The goals of the renumbering are: (1) to achieve a more logical organization and numbering of the regulations, with a system that provides flexibility for future modifications, and (2) to make the Commission's internal numbering system and that of the Colorado Code of Regulations (CCR) consistent. The CCR references for the regulations will also be revised as a result of this hearing.

# 34.27 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; NOVEMBER, 1997 RULEMAKING

The provisions of 25-8-202(1)(a) and (b); 25-8-203; 25-8-204; and 25-8-402 C.R.S. 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**

In 1995, the Water Quality Control Commission adopted underlying goal-based numerical and narrative standards with temporary modifications for segments 2, 3b, 4a, 4b, 7, 8 and 9b of the Animas River Basin. The underlying goal-based standards were adopted with a three-year delayed effective date. In the interim, ambient quality-based standards were adopted for the critical segments to protect aquatic life currently in place in these segments. The critical segments did not meet the underlying goal based numeric standards, and it was not clear that the goal-based standards were in fact achievable within a 20-year period. Numeric standards were adopted in other segments of the river where supported by existing water quality. The overall purpose for adopting the underlying goal-based standards with temporary modifications was to encourage continuation of an existing community-based, cooperative watershed improvement initiative designed to improve water quality in the Animas River Basin unencumbered by the potential implications of the goal-based standards being in effect.

The Commission charged the Animas Stakeholders Group with the responsibility to determine the feasibility of specific clean-up projects, the quantification of achievable improvements and to identify. prioritize and acquire funding for remediation projects. Based on this work, the Commission expected that recommendations would be made for the permanent adoption of the underlying goal-based numeric standards or for alternative standards that would be achievable within a 20-year period. The Stakeholders have worked successfully toward accomplishment of this end. Significant progress has taken place in the basin in completion of feasibility studies, identification and prioritization of specific clean-up projects, initial funding for projects and on-the-ground remediation work in process. Evidence was submitted in the rulemaking regarding the work accomplished to date, additional work in progress or planned in the near future, and a schedule for the additional work planned during the next three years. Part of the planned work will be completed in conjunction with the U.S. Department of the Interior Abandoned Mined Land Initiative, which is designed to develop practical characterization and remediation methodologies for federal land managers and others to be used in a watershed management approach. The Animas Basin is one of two national pilot projects for this initiative. From this information, it is apparent that additional time is needed to finish studies to adequately characterize pollution sources, quantify feasible remediation levels, and define habitat limitations along with the potential for aguatic life. Completion of this work is necessary to provide a comprehensive recommendation to the Commission for ultimate numeric/narrative standards.

In order to allow the ongoing community-based, cooperative watershed improvements initiative an opportunity to continue the promising effort that is currently underway, the Commission has decided that the delayed effective date of underlying goal-based standards (and associated temporary modifications) should be delayed for another three years, to March 2, 2001.

With this extension, the Commission has the following expectations for: (1) preparation by the Stakeholders of a use attainability analysis which proposes aquatic life uses which are potentially attainable, specifies the causes of water quality impairment, determines the sources which may be controlled, and provides an economic evaluation of such a proposal; (2) that the Stakeholders, in conjunction with the Division of Wildlife develop recommendations for an appropriate underlying standard for zinc for segment 4a, as part of the use attainability analysis; and (3) that the delay until March 2, 2001 approved by the Commission for the effective date of underlying standards is adequate for all study to be completed and appropriate standards to be established.

Finally, the Commission notes that the action taken here is a unique approach to the unique situation present in the Animas River Basin, including the presence of a cooperative, community-based effort with unusually broad participation. This action should not be viewed as a precedent for other site-specific hearings.

# PARTIES TO THE RULEMAKING HEARING

- 1. Animas River Stakeholders Group
- 2. Colorado Division of Wildlife
- 3. Town of Silverton
- 4. Sunnyside Gold Corporation
- 5. The Silver Wing Company, Inc
- 6. Southwestern Water Conservation District of Colorado
- 7. Gold King Mines Corporation
- 8. US EPA Region VIII
- 9. Southern Ute Indian Tribe

# 34.28 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; NOVEMBER, 1998 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.

# **BASIS AND PURPOSE**

The Commission has recently approved a new schedule for triennial reviews of water quality classifications and standards for all river basins in Colorado. In this hearing the Commission has extended the expiration dates of temporary modifications [and, for the Animas Basin, the effective dates of underlying standards] without substantive review, so that the next substantive review of the temporary modifications can occur as part of the overall triennial review of water quality standards for the particular watershed. This will avoid the need for multiple individual hearings that would take staff resources away from implementation of the new triennial review schedule.

# 34.29 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; MAY, 2001 AND JULY, 2001 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.

# **BASIS AND PURPOSE**

## I. Animas and Florida River Segments

The primary focus of this portion of the hearing was to revisit the aquatic life classifications and standards for streams in the Animas River Basin that have elevated levels of various metals. The water quality of this area is extensively impacted by heavy metals which are attributed to both natural and anthropogenic sources. Those impacts attributed to past human activities are largely the result of the extensive mining that has occurred in this basin over a period of several decades. It is evident that remediation of these impacts is a complex challenge that will require considerable time and effort.

Subsequent to the last major review of these streams, a use attainability analysis (UAA) was prepared by the Animas River Stakeholders Group (ARSG). Over the last several months, this UAA has provided the focal point for extensive discussions involving the Water Quality Control Division, the Colorado Division of Wildlife, U. S. EPA, the U.S. Forest Service, the U. S. Bureau of Land Management, and other participants in the stakeholders group. The Commission wishes to acknowledge and express its appreciation for this extensive collaborative effort. The Commission believes that the revised Animas River Basin classifications and standards adopted as a result of this hearing provide a major step forward in the long-term resolution of water quality issues in this basin. The Commission encourages all of those involved in this effort to continue to work cooperatively in furthering ARSG's mission of improving the water quality in the Animas River and its tributaries.

## **Upper Animas Segmentation**

The Commission adopted several changes to the segmentation for streams in the Animas River Basin. The Commission changed descriptions for several segments to correct inaccuracies and to include tributaries previously left out of descriptions. The Commission changed the segment division between segments 4b and 5a to better reflect a natural division between the segments in terms of topography, geomorphology and land use patterns. The Commission also moved the dividing line between segments 4a and 4b upstream to Deer Park Creek, which is the first significant inflow of good quality water below the confluence with Mineral Creek. The streams formerly in segment 9a have been moved to segment 6, and the previous segment 9b renumbered as segment 9. Finally, recognizing the need for a new segment to cover a tributary to the Animas River not previously classified, the Commission created segment 3c to include Arrastra Gulch and applied site-specific standards as described below. Big Horn Creek and all tributaries on the west side of Mineral Creek above its confluence with South Mineral Creek except for a lower portion of Middle Fork of Mineral Creek and the mainstem of Mineral Creek (segment 8), were reclassified as part of segment 6.

# **Overview of Aquatic Life Classifications and Standards**

The UAA focused primarily on identifying the achievable remediation and associated water quality for segments 3a, 4a, and 9b (now segment 9) of the Animas. Some of the metals standards previously adopted for these segments were disapproved by EPA in 1998. The UAA identified the water quality that would result from remediation of selected priority sites where metals loadings were determined to be anthropogenic and reversible. Based upon this analysis, and the associated biological evidence submitted, the Commission revised the aquatic life classifications for segment 9b (now segment 9) and for resegmented segment 4a. In addition, the Commission has specified aquatic life indicators in the "goal qualifier" column for these three segments. These indicators identify biological goals for future water quality in these segments.

Numerical standards for these three segments adopted at this time are based on the conclusions of the UAA regarding what remediation is achievable. In some cases, identified remediation goals are expected to attain Table Value Standards. In other cases, site-specific standards are adopted based on the UAA's projections of what water quality will be attained at specific gages in the three key segments as a result of anticipated remediation. Remediation potentials and limitations have been explored in great detail and the resulting site-specific standards are scientifically defensible, recognizing, however, that there is significant uncertainty as discussed below. The standards are reflective of ambitious cleanup goals estimated at a cost of 20 to 30 million dollars. The goals are particularly ambitious given foreseeable funding availability and liability restrictions that may detrimentally affect remediation activity (e.g. there remains a lack of a "Good Samaritan" provision in the federal Clean Water Act).

The Commission also notes that additional information appears to be needed to determine attainable/protective water quality conditions in this basin over the long term. There is more than the usual amount of uncertainty associated with the various proposals considered in this hearing. There is uncertainty associated with the remediation targets because there may be additional reversible anthropogenic sources which have not yet been identified or fully characterized. There is uncertainty associated with the biological targets, because for some parameters there is a lack of toxicity data for key species of concern. In view of these uncertainties, the Commission emphasizes the importance of ongoing monitoring efforts and future studies in the Animas Basin to resolve the important issues that have been identified. It is the Commission's expectation that these efforts will proceed and will lead to refinement in the remediation goals in the basin, and in the associated determination of attainable water quality classifications and standards, in the future triennial reviews. Again, the Commission wishes to commend the cooperative efforts and the substantial local initiative that have brought the analysis to this stage. The Commission strongly encourages continued cooperation as these challenges are addressed in the future.

## Site-specific Aquatic Life Classifications and Standards

When segment 9b (now segment 9) was designated aquatic cold water class 1 in 1995, there was little or no data indicating that dissolved aluminum concentrations and total recoverable iron concentrations reached toxic levels because few or no winter water quality samples had been taken. Winter water quality samples taken since that time indicate dissolved aluminum concentrations almost three times the acute table value standard for aquatic life and total recoverable iron concentrations have been found to be four times the chronic table value standard for aquatic life. The Commission determined that the vast majority of sources of aluminum and iron are not associated with mining sites identified for remediation. In addition, the Commission heard testimony that no fish and few macroinvertebrates are found in segment 9b (now segment 9). Therefore, the Commission changed the use classification of cold water aquatic life class 2 for segment 9b (now segment 9). Site-specific standards are applied for iron, aluminum, copper, and zinc based upon remediation goals presented by the ARSG.

The Commission determined that after remediation of identified priority loading sources, aluminum, iron, and copper concentrations will continue to exceed chronic table value standards for aquatic life during portions of the year in segment 4a. The Commission also determined that after remediation, zinc concentrations will continue to exceed acute and chronic table value standards for aquatic life year round. Based on this information, the Commission removed the use classification goal of cold water aquatic life class 1 from segment 4a and retained the use classification of cold water aquatic life class 2. Site-specific standards are applied for iron, aluminum and zinc based upon remediation goals presented by the ARSG.

In addition, the Commission recognized that there are few identified priority sources of cadmium, manganese, and zinc in or upstream of segment 3a. These constituents will continue to exceed aquatic life table value standards either year-round or during part of the year after remediation of the reversible sources. The UAA did not identify the large amount of metal loading entering segment 3a with any specific source. The Commission recognized the many unknowns and uncertainties in the analysis of source loadings in segment 3a. Therefore, the Commission applied site-specific standards based upon remediation goals to segment 3a for these constituents and encouraged the ARSG to continue their characterization efforts to determine the unknown sources of loading. 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.

As noted above, the Commission has adopted a new segment 3c for Arrastra Gulch, with a cold water aquatic life class 2 classification. The existing ambient quality for copper and zinc exceed the acute table value standards, therefore, chronic ambient standards could not be adopted. Acute table value standards for copper and zinc were adopted along with temporary modifications set at existing ambient quality. This provides time for the ARSG to investigate Arrastra Gulch and prepare appropriate chronic standards at the next triennial review.

During the hearing, the Commission heard evidence that iron is a major driver in the chemical processes that lower pH. The Commission determined that because most iron sources are not associated with priority remediation sites in the Upper Animas Basin, for some segments and some portions of the year, pH levels are unlikely to reach table value standards for aquatic life with remediation of mine sites. Therefore, the Commission applied seasonal, site-specific pH standards to segments 4a and 9b (now segment 9).

The adopted standards will protect existing aquatic populations and should allow for significant increases in biological diversity, population size, and aquatic health. At this time, there is no assurance that other human-caused conditions or sources of pollution preventing the attainment of Table Value Standards and higher uses can be remedied, given current technologies and regulatory conditions; nor is there assurance that additional remediation will not be feasible in the future. Particularly in view of the uncertainty noted above, as these restrictions to further water quality improvements change it will be necessary to review additional remediation possibilities and to implement standards reflective of these possibilities at future triennial reviews.

Temporary modifications were reviewed and extended to December 31, 2006 for segments 2, 3b, 7, 8 and 9.

## **Other Classification and Standards Issues**

The following resegmentation was adopted:

<u>Animas and Florida, Segment 11:</u> Mainstem of Florida River was separated into Segments 11a and 11b to recognize the Southern Ute Indian Reservation boundary.

<u>Animas and Florida, Segments 13b and 13c</u>: These segment descriptions were clarified to recognize the Southern Ute Indian Reservation boundary. This change in descriptions corrects the duplicate classification of these tributaries.

<u>Animas and Florida, Segments 15:</u> Cascade Creek was deleted from the segment description. Cascade Creek now is included in Segment 12a which better reflects its cold water class 1 aquatic life use.

Animas/Florida segment 1 was designated outstanding waters (OW) due to its meeting the criteria in section 31.8(2)(a).

Ambient quality-based standards were removed from the following segments due to new data and/or changes to the Basic Standards which indicated ambient standards were no longer appropriate: segments 2, 3a, 3b, 4a, 4b, 7, 8, 9b.

"Fish Ingestion" and "Water + Fish Ingestion" standards for organic chemicals are discussed in section II.J. of this Statement of Basis and Purpose. For the Animas and Florida Rivers, Fish Ingestion standards were adopted for segment 13a and Water + Fish Ingestion standards were adopted for segments 13b and 13c.

Animas/Florida River, segments 13b, 13c where investigation showed that aquatic life was present were upgraded with the addition of the full suite of inorganic standards to protect aquatic life.

Water supply classifications and associated standards were adopted for segments 11b, 13b and 13c.

Agriculture classifications are added to segment 4a and to the new segment 3c based on existing or potential grazing uses. In addition, numerical standards are adopted to protect the existing agriculture classifications for segments 2, 7, and 8. In each case, no manganese standard was adopted, because the conditions associated with that criterion are not present.

Recreation classifications were changed from class 2 to class 1a for segments 2, 3a, 3b, 6, 7, 8, 9a, 9b, 13a, 13b, 13c, and 15. For several of these segments, the Southwestern Water Conservation District submitted use attainability analyses proposing that a recreation class 2 classification be retained. However, these UAAs were submitted after the deadline for submission of such information for this hearing and generally lacked site-specific analysis of recreation uses on the segments addressed. Existing recreation class 1 classifications were changed to class 1a for segments 1, 4a, 4b, 5a, 5b, 10, 11a, 12a, 12b, and 14. A recreation class 1a classification was also adopted for new segment 11b.

The Commission notes that the last paragraph of section 31.6(2)(b) will apply to future changes to the recreation classifications where a proper showing is made through a use attainability analysis that a recreation class 2 classification is appropriate, without application of the other downgrading criteria in this section. Moreover, the Commission is relying in part on previous representations from EPA that completion of a use attainability analysis showing that a lower recreation classification is appropriate satisfies applicable downgrading criteria. Based on these factors, the Commission intends that in a future rulemaking hearing the test for adopting a recreation class 2 classification would be the same as if it had been considered in this hearing.

Based on evidence submitted by the Town of Silverton, the Commission established a seasonal recreation class 1a classification for segment 3b, for the period of May 15 through September 10 and recreation class 2 for the remainder of the year.

## II. Other River Segments

## A. Resegmentation

Some segments were renumbered and/or created in the basin due to information which showed that: a) the original reasons for segmentation no longer applied; b) new water quality data showed that streams should be resegmented based on changes in their water quality; and/or c) certain segments could be grouped together in one segment because they had similar quality and uses. The following changes were made:

<u>San Juan, Segment 8:</u> This segment was created to recognize the portions of Navajo Reservoir that are on state lands.

San Juan, Segments 11 and 12: Tributaries to the San Juan River were separated out of Segments 11 and 12 to better identify the tributaries from Fourmile Creek to the Southern Ute Indian Reservation (11a) and from the Southern Ute Indian Reservation to the Colorado/New Mexico border (11b). All remaining tributaries to the San Juan River in Archuleta County were moved to Segments 12a and 12b. Segment 12b is within the Southern Ute Indian Reservation.

Los Pinos, Segment 6b: All remaining tributaries to the San Juan River in La Plata County were moved to Segments 7a and 7b. Those within the Southern Ute Indian Reservation are in Segment 7b.

La Plata, Segment 2b: The segment description was modified to only include the mainstem of the La Plata River. Wetlands, lakes and reservoirs to the La Plata River are now included in Segments 10a and 10b with their tributary systems.

La Plata, Segment 7: Mainstem of McElmo Creek was separated into Segments 7a and 7b to recognize the Ute Mountain Ute Indian Reservation boundaries. In addition, Yellowjacket Creek was added to Segment 7a from Segment 8 to better reflect its warm water class 1 aquatic life use.

<u>La Plata, Segments 8 and 10:</u> Tributaries to McElmo Creek were separated into Segments 8a and 8b to recognize the Ute Mountain Ute Indian Reservation boundaries.

La Plata, Segments 8 and 10: All remaining tributaries to the San Juan River in Dolores and Montezuma Counties were moved to Segments 10a and 10b. The portions within the Ute Mountain Ute Indian Reservation are included in Segment 10b.

<u>Dolores, Segment 7: The segment description was changed to exclude the upper portion</u> <u>of Coal</u> Creek which is located within the Lizard Head Wilderness Area.

## B. Manganese

The aquatic life manganese criterion was initially changed in the 1997 revisions to the Basic Standards (5 CCR 1002-31) from a single chronic dissolved criterion to acute and chronic hardness-based equations. The equations were further modified in the 2000 revisions to the Basic Standards. The new manganese acute and chronic equations were added as table value standards in 34.6(3). As a result of the adoption of these new TVS, all segments classified for aquatic life use that had a chronic total recoverable manganese standard of 1,000  $\mu$ g/L had the 1,000 standard stricken and replaced with Mn(ac/ch)=TVS.

# C. Selenium

The regulation in 34.6 (3) listed the table value standards for selenium as Acute=135  $\mu$ g/L and Chronic=17  $\mu$ g/L. This was updated to reflect the existing acute and chronic criteria for selenium listed in the Basic Standards as Acute=18.4  $\mu$ g/L and Chronic=4.6  $\mu$ g/L which was adopted in 2000 by the Commission. This change means that all segments with standards for selenium given as TVS now have these lower acute and chronic standards. Because of this change, on all segments classified for a water supply use, the chronic total recoverable selenium of 10  $\mu$ g/L was stricken and replaced with Se(ac/ch)=TVS.

# D. Outstanding Waters Designations

Several segments or waterbodies were designated outstanding waters (OW) due to their meeting certain criteria pursuant to section 31.8(2)(a). Segments which already included wilderness areas in their description were designated OW. The water quality of the following segments met the 12 parameter test and other requirements of 31.8(2)(a):

San Juan River, Segment 4 Piedra River, Segment 1 Los Pinos River, Segment 1 Dolores River, Segment 1

# E. Removal of Use Protected Designation

The Division proposed that a number of aquatic life class 2 waterbodies be assigned undesignated status under the state antidegradation regulation due to the presence of Colorado State species of special concern. State regulations governing the "use-protected" designation allow this exception if the Commission determines that the waters are of exceptional ecological significance. The Commission believes that a number of important issues have been raised in this hearing regarding when and how this exception should be applied, and that further examination of these issues should occur. Nevertheless, for purposes of this hearing, the Commission, based upon a concern over the protection of classified uses and the absence of evidence of potential injury to permitted entities, has decided to accept the change to reviewable water status for the following

San Juan River, Segment 10 La Plata, Segments 5a, 5b, 6a and 6b.

Based upon representations made by certain parties to this rulemaking, the Commission endorses the formation of a workgroup to address the following topics and develop recommendations to be submitted to the Commission

- The relationship between the "exceptional ecological significance" exception to useprotected designations and the aquatic life class 2 basis for applying use-protected designations
- The need for and content of guidance to determine what water bodies are exceptionally ecologically, significant
- The roles of a) water quality data; b) the nexus between water quality conditions and species decline, and c) other stressors
- The need for and nature of any amendments to the state antidegradation regulation if the presence of species of special concern constitute a basis for modification to the antidegradation designation of a water body.

The above listed segments would then be reviewed in light of the work group recommendations in the next triennial review of these basins.

The Commission urges that the work group process to address these issues move forward as expeditiously as possible. The Commission intends that the actions taken in this rulemaking not serve in any way as a precedent with respect to decisions in future Commission rulemaking proceedings.

# F. Recreation Classifications/Fecal Coliform and E. Coli Standards

The biological standards were updated to include the dual standards for E. coli and fecal coliform, which were adopted by the Commission in the 2000 revisions to the Basic Standards. As stated in the statement of basis for the Basic Standards revisions, the Commission intends that dischargers will have the option of either parameter being used in establishing effluent limitations in discharge permits. In making section 303(d) listing decisions, in the event of a conflict between fecal coliform and E. coli data, the E. coli data will govern. The Commission believes that these provisions will help ease the transition from fecal coliform to E. coli standards.

In a continuation of the Commission's efforts to comply with the requirements contained in the federal Clean Water Act that all waters of the nation should be suitable for recreation in and on the water (known as the "swimmable" goal), the Commission reviewed all Recreation Class 2 segments. In Colorado, the "swimmable" goal translates into Recreation Class 1a, with the 200/100 ml fecal coliform and 126/100 ml E. Coli standard, and Class 1b with the 325/100 ml fecal coliform and 205/100 ml E. coli standard. Class 1a indicates waters where primary contact uses have been documented or are presumed to be present. Class 1b indicates waters where no use attainability analysis has been performed demonstrating that a recreation class 2 classification is appropriate, but for which no existing primary contact uses have been documented following a reasonable level of inquiry. To maintain the existing Recreation Class 2 with the 2000/100 ml standard on a segment, a use attainability analysis must be conducted that shows that it is unlikely that a Recreation Class 1 activity could exist.

There was considerable evidence and testimony submitted in this hearing regarding what activities should be considered primary contact recreation. Section 31.13(1)(a) of the Basic Standards provides a non-exclusive list of primary contact activities. In this hearing, much discussion focused on the issue of whether "child's play" in streams that are too shallow to accommodate the primary contact uses listed in the Basic Standards should be considered a primary contact use. The Commission does not believe that a theoretical potential for child's play means that all streams should be classified Recreation Class 1a or 1b. However, the Commission concludes that the evidence submitted demonstrates that there is a potential risk of ingestion of small quantities of water by children playing in relatively shallow streams, based on the hand-to-mouth pathway, which warrants Recreation Class 1 protection in appropriate circumstances as elaborated below. Thus, such ingestion may occur in streams where whole body immersion is not likely.

This does not mean, as suggested by some, that all water bodies would be reclassified as Recreation Class 1a or 1b based on some potential for child's play. Rather, the Commission intends that a stream should be classified Recreation Class 1a or 1b due to the presence or potential for child's play only where the evidence demonstrates a likelihood of such activity on a frequently occurring basis. Therefore, child's play may be an appropriate basis for a Recreation Class 1a or 1b classification in a developed area where there is easy access to a stream for children and it is likely that children will desire to play in the stream; it may not be an appropriate basis for such classifications in areas where it is not expected that children will be playing in a stream on a frequently occurring basis. Factors such as lack of adequate flow, excessive flows, remoteness from developed areas, physical limitations to access, steep banks, and visibly poor water quality may make it unlikely that child's play will take place on a frequently occurring basis. The Commission anticipates that these classification decisions will require case-by-case judgments until more experience is gathered with this issue.

A recreation Class 1a or 1b classification of a segment is not intended to imply that the owner or operator of property surrounding any waterbody in a segment would allow access for primary contact recreation. The application of recreation classifications to state waters pursuant to these provisions does not create any rights of access on or across private property for the purposes of recreation in or on such waters. A recreation Class 1a classification is intended to only affect the use classification and water quality standards of a segment, and does not imply public or recreational access to waters with restricted access within a segment.

For segments changing to recreation Class 1a because no information was available about actual recreational uses, the last paragraph of section 31.6(2)(b) will apply to future changes to the recreation classification where a proper showing is made through a use attainability analysis that a recreation Class 2 classification is appropriate, without application of the other downgrading criteria in this section. Moreover, the Commission is relying in part on the testimony from EPA that completion of a use attainability analysis showing that a lower recreation classification is appropriate satisfies applicable downgrading criteria. Based on these factors, the Commission intends that in a future rulemaking hearing, the test for adopting a recreation Class 2 classification would be the same as if it had been considered in this hearing.

Based on the information received that showed Recreation Class 1a uses are in place or are presumed to be present in at least a portion of the segment, the Commission changed the following segments from Class 2 to Class 1a with a 200/100 ml fecal coliform and 126/100 ml E. coli standard:

San Juan River, Segments: 10 Los Pinos River, Segments: 6a, 6b Dolores River, Segments: 2, 3, 5, 6, 7, 8, 11

Based on the information received, where a reasonable level of inquiry failed to identify any existing class 1 uses of the waters in these segments, the Commission changed the following segments to Class 1b with a 325/100 ml fecal coliform and 205/100 ml E. coli standard:

Piedra River, Segments: 6a, 6b

New segments created in this rulemaking where information was received that showed Recreation Class 1a uses are in place or are presumed to be present in at least a portion of the segment, are:

San Juan River, Segment: 8 Los Pinos River, Segments: 7a, 7b La Plata River, Segments: 7b, 8a, 8b, 10a, 10b

The following segments with existing Recreation Class 1 classifications were changed to Class 1a:

San Juan River, Segments: 1, 2, 4, 5, 6a, 6b, 7, 9a, 9b Piedra River, Segments: 1, 4a, 4b Los Pinos River, Segments: 1, 2a, 2b, 3, 4a, 4b, 5 La Plata River, Segments: 1, 4, 7a, 9, 11 Dolores River, Segments: 1, 4, 10

For the following segments, the Commission adopted seasonal recreation classifications, based on evidence of differences in actual or potential uses at different times of the year

San Juan Segments 3, 12a, 12b:	Class 1b, May 1 through October 31 Class 2, November 1 through April 30
San Juan Segments 11a, 11b:	Class 1a, May 1 through October 31 Class 2, November 1 through April 30
Piedra River, Segments 2, 3, 5:	Class 1a, May 1 through October 31 Class 2, November 1 through April 30
Piedra River, Segment 7:	Class 1a, March 1 through November 30 Class 2, December 1 through February 28
La Plata River, Segments 2a, 2b:	Class 1a, May 1 through October 31 Class 1b, November 1 through April 30
La Plata River, Segments 4, 5a, 5b:	Class 1a, May 1 through October 31 Class 2, November 1 through April 30
La Plata River, Segments 6a, 6b:	Class 1b, May 1 through October 31 Class 2, November 1 through April 30
Dolores River, Segment 9:	Class 1a, May 1 through October 31 Class 2, November 1 through April 30

The following segments retained their Recreation Class 2 classification with 2,000/100 ml fecal coliform and 630/100 ml E. coli standards after sufficient evidence was received that a Recreation Class 1a use was unattainable, due to limited streamflows.

La Plata River, Segments 3a, 3b

## G. Aquatic Life Segments without Full Standards

The Commission reviewed information regarding Aquatic Life Class 2 segments where the full set of inorganic aquatic life protection standards have not been applied. Generally, these are dry segments with only rudimentary aquatic life. The Commission's policy has been that rather than adopt the full set of inorganic standards for these segments, standards for dissolved oxygen, pH and fecal coliform provide sufficient protection.

Segments where investigation showed that aquatic life was present were upgraded with the addition of the full suite of inorganic standards to protect aquatic life. These segments are:

San Juan River, Segments: 10, 11a, 11b Piedra River, Segments: 6a, 6b La Plata River, Segments: 3a, 3b, 6a, 6b, 8a, 8b Dolores River, Segment 11

# H. Ambient Quality-Based Standards

There are several segments in the San Juan Basin that contain standards based on existing ambient quality. Ambient standards are adopted where natural or irreversible man-induced conditions result in water quality levels higher (i.e. worse) than table value standards. EPA had requested that the Commission review the information that is the basis for these standards as well as any new information that would indicate whether they are still appropriate, need to be modified, or should be dropped. The Division reviewed the reason for the ambient standards and provided testimony that justified ambient standards being retained without adjustment on the following segments:

La Plata River, Segment 9

The Division reviewed the information about ambient water quality levels and provided testimony that justified revising the ambient standards on the following segments:

La Plata River, Segment 7a

Ambient standards were removed from the following segments due to new data and/or changes to the Basic Standards which indicated ambient standards were no longer appropriate:

Los Pinos River, Segment 5 Dolores River, Segment 9

## I. Temporary Modifications

There were several segments which had temporary modifications that were reviewed, and decisions were made to delete or to extend them, either as is or with modification of the numeric limits.

A temporary modification was adopted for La Plata, Segment 4, for copper with an expiration date of 12/31/06. A temporary modification was also adopted for Dolores River, Segment 9, for zinc with an expiration date of 12/31/06.

## J. Organic Chemical Standards

The organic chemical standards were updated to include changes adopted by the Commission in the 2000 revisions to the Basic Standards (see section 31.11 in Regulation No. 31). "Water + Fish" organic chemical standards 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. The "Fish Ingestion" organic chemical standards are presumptively applied to all Aquatic Life Class 1 streams which do not have a Water Supply classification, and are applied to 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. Existing site-specific applications of additional organics (as noted in the Qualifier column of Table 34.7) were modified to conform to this change.

Information was reviewed regarding Aquatic Life Class 2 segments that have fish that are presently being taken for human consumption or have fisheries that would indicate the potential for human consumption. That information showed that six additional segments had the potential for consumption of fish. These waterbodies were designated to receive the full protection of numeric Fish Ingestion or Water + Fish organic standards:

Fish Ingestion: La Plata 2a; Dolores 9 Water + Fish: Dolores 11

# K. Water Supply Classification

These segments had the Water Supply classification added to them or are new segments with a water supply use. The associated water supply standards will now apply to segments:

San Juan River, Segments: 6b, 8 Piedra River, Segments: 4b, 6a, 6b Dolores River, Segment 11

# L. Modification of Water Supply Standards

Water supply standards were modified to conform to the changes made by the Commission in the 2000 revisions to the Basic Standards (see Regulation No. 31 at section 31.11(6)). The Commission modified the water supply standards for iron, manganese, and sulfate that are based on secondary drinking water standards (based on aesthetics as opposed to human-health risks). The numeric values in the tables were changed to Fe(ch) = WS (dis), Mn(ch) = WS (dis), and SO<sub>4</sub> = WS. These abbreviations mean that for all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as discussed in the Basic Standards and Methodologies at section 31.11(6): either (i) existing quality as of January 1 2000; or (ii) Iron = 300  $\mu$ g/L (dissolved); Manganese = 50  $\mu$ g/L (dissolved); Sulfate = 250 mg/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 determined as the result of a site-specific rulemaking hearing that such standards are appropriate.

# M. Tribally-Owned Lands

Many of the waterbodies in the southern parts of these basins are located on tribally-owned lands specifically those of the Southern Ute Indian Tribe and the Ute Mountain Ute Indian Tribe.Waters on tribally-owned lands are not regulated by the WQCC. Both Tribes are in the process of developing water quality standards for waters on their tribally-owned lands. The Commission has segmented the waterbodies which cross reservation boundaries. Water quality standards for waterbodies crossing reservation boundaries were reviewed by the Division in cooperation with Tribal representatives to ensure that the classified uses and numeric standards were consistent. The Commission included water quality classifications and standards on lands within the boundaries of these reservations in agreement with the Southern Ute and Ute Mountain Ute Indian Tribes in order to avoid a gap in the classifications and standards adopted for the river basins in question, since these Tribes have not yet been granted authority by EPA to conduct their own water quality program. Section 34.5 (4) was added to clarify this issue.

# N. Agriculture Standards

Numeric standards to protect agriculture uses were adopted for the following segments:

San Juan, Segment: 3 Los Pinos, Segments: 6a, 6b

# O. Other Site-Specific Revisions

The Commission corrected several typographical and spelling errors, clarified segment descriptions and made the following site-specific revisions:

La Plata, Segment 2a: The classification was changed from aquatic life warm 2 to cold 2 because information was presented that indicated the aquatic community includes trout species.

<u>La Plata, Segment 7a</u>: The classification was changed from aquatic life warm 2 to warm 1 and removed the Use Protection designation, because information was presented that indicated the aquatic community is diverse and includes DOW species of special concern.

## PARTIES TO THE RULEMAKING HEARING

- 1. Animas River Stakeholders Group
- 2. Colorado Wild, San Juan Citizen's Alliance, Sierra Club-Rocky Mountain Chapter, Colorado Environmental Coalition and The Wilderness Society

- 3. U.S. Department of the Interior, Bureau of Land Management
- 4. Sunnyside Gold Corporation
- 5. The Southwestern Water Conservation District
- 6. Silver Wing Company, Inc.
- 7. U.S. Department of Agriculture Forest Service
- 8. Shenandoah Mining Company Incorporated
- 9. Town of Silverton
- 10. Pagosa Area Water and Sanitation District
- 11. Peter Butler
- 12. U.S. Department of the Interior National Park Service
- 13. Climax Molybdenum Company
- 14. Tri-State Generation and Transmission Association, Inc.
- 15. Town of Olathe
- 16. The Board of County Commissioners of the County of Gunnison
- 17. Gunnison County Stockgrowers Association, Inc.
- 18. High Country Citizens' Alliance and Western Slope Environmental Resource Council
- 19. The City of Grand Junction
- 20. Homestake Mining Company
- 21. The Board of County Commissioners of the County of San Miguel
- 22. Mt. Crested Butte Water and Sanitation District
- 23. Colorado River Water Conservation District
- 24. Town of Cedaredge
- 25. The Board of County Commissioners of the County of Mesa
- 26. The Uncompany Valley Water Users Association
- 27. Umetco Minerals Corporation
- 28. The Colowyo Coal Company, L.P.
- 29. The Uncompany Valley Association
- 30. Town of Crested Butte
- 31. The City of Delta
- 32. Trapper Mining, Inc.
- 33. The Colowyo Coal Company, L.P.
- 34. The City of Grand Junction
- 35. Colorado River Water Conservation District
- 36. Yellow Jacket Water Conservation District
- 37. The Town of Meeker
- 38. The City of Fruita
- 39. Exxon Mobil Corporation
- 40. Shell Frontier Oil & Gas Inc.
- 41. The Board of County Commissioners of the County of Mesa
- 42. American Soda, LLP
- 43. The Rio Blanco Water Conservancy District
- 44. Colorado Division of Wildlife
- 45. The Northern Colorado Water Conservancy District and its Municipal Subdistrict
- 46. Upper Gunnison River Water Conservancy District
- 47. U.S. EPA Region
- 48. Ralph E. Clark III
- 49. U.S. Department of the Interior

# 34.30 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JULY, 2002 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.

## BASIS AND PURPOSE

As a result of major rulemaking hearings in May and July, 2001, the Commission adopted extensive revisions to the water quality designation, classifications and standards for the waters in this basin. Subsequent to the filing of the final action documents resulting from that rulemaking, minor error were identified in the published revisions. Errors in the water quality designation for San Juan segment 10, manganese standard for Animas River segment 4a, the segment description for Animas River segment 4b, and typographical errors for Animas River segments 9 and 12a were corrected in this rulemaking.

## 34.31 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 12, 2005 RULEMAKING, EFFECTIVE MARCH 2, 2006

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**

In the process of digitally mapping the segments in the San Juan and Dolores River Basins, the Division discovered errors and inconsistencies between segment descriptions. To resolve these issues the Commission adopted changes in the following segment descriptions:

San Juan segment 8

Dolores segments 6 and 10

The Commission has also adopted the deletion of San Juan Segment 7.

# 34.32 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 12, 2006 RULEMAKING; ADOPTED AUGUST 14, 2006; EFFECTIVE JANUARY 1, 2007

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. <u>Waterbody Segmentation</u>

Some renumbering and/or creation of new segments in the basin was made due to information which showed that: a) the original reasons for segmentation no longer applied; b) new water quality data showed that streams should be resegmented based on changes in their water quality; and/or c) certain segments could be grouped together in one segment because they had similar quality and uses. The following changes were made:

Animas River Basin segment 12c was created for Hermosa Creek and tributaries above Long Hollow, except for the East Fork of Hermosa Creek. The East Fork of Hermosa Creek was excluded from this segment due to uncertainty of future development in this drainage by Durango Mountain Ski Resort.

La Plata River Basin segment 4b was created for Mancos Reservoir (a.k.a. Jackson Gulch Lake).

La Plata River Basin segment 6c was created for waters within Mesa Verde National Park. These waters were proposed as "outstanding waters."

La Plata River Basin segment 8c was created for the Unnamed Tributary to Ritter Draw.

Dolores River Basin segment 4b was created for McPhee Reservoir and Summit Reservoir.

## B. <u>Revised Aquatic Life Use Classifications</u>

The Commission reviewed information regarding existing aquatic communities. There were no changes to the Aquatic Life Use Classifications in the San Juan Basin.

## C. <u>Recreation Classifications and Standards</u>

As part of the Basic Standards hearing of 2005, recreation classifications were revised into four new classifications. The Commission reviewed the previous segment classifications (1a, 1b and 2) and determined the appropriate new classification based on classification criteria presented as part of the Basic Standards Hearing, use attainability analyses or other basis. In addition, during the 2005 Basic Standards Hearing, the transition from the use of the fecal coliform standard to E. coli standard was completed. Fecal coliform criteria were deleted from the numeric standards.

Based on the information that showed existing primary contact recreation use is in place in at least a portion of the segment, the Commission changed the following segments from Recreation Class1a to Recreation Class E with a 126/100 ml E. coli standard:

San Juan River Basin segments: 1, 2, 4, 5, 6a, 6b, 8, 9a, 9b and 10

Piedra River Basin segments: 1, 4a and 4b

Los Pinos River Basin segments: 1, 2a, 2b, 3, 4a, 4b, 5, 6a, 6b, 7a, 7b

Animas River and Florida River Basin segments: 1, 2, 3a, 3c, 4a, 4b, 5a, 5b, 6, 7, 8, 9, 10, 11a, 11b, 12a, 12b, 13a, 13b, 13c, 14 and 15

La Plata River Basin segments: 7a, 7b, 8a, 8b, 9, 10a, 10b and 11

Dolores River Basin segments: 1, 2, 3, 4a, 5, 6, 7, 8, 10, and 11

The following segments were converted from Recreation Class 1b to Recreation Class P with a 205/100 ml E. coli standard:

Piedra River Basin segments: 6a and 6b La Plata River Basin segment: 1

Based on review of existing Use Attainability Analyses showing that primary contact recreation is not attainable, the following segments were converted from Recreation Class 2 to Recreation Class N classification with 630/100 ml E. coli standard:

La Plata River Basin segments: 3a and 3b

The following segments with seasonal Recreation Class 1a/Recreation Class 2 classification were converted to Class E/Class N (some include changes to the seasons in parentheses):

San Juan River Basin segments: 11a and 11b

Piedra River Basin segments: 2, 3, (new seasons are Class E: April 1-Oct. 31, Class N: Nov. 1-March 31) 5 and 7

Animas River and Florida River Basin segment: 3b

La Plata River Basin segments: 2a, 4a, 5a and 5b

Dolores River Basin segment: 9

The following segments with seasonal Recreation Class 1a/Recreation Class 1b classification were converted to Class E/Class P (some include changes to the seasons in parentheses):

La Plata River Basin segment: 2b

The following segments with seasonal Recreation Class 2/Recreation Class 1b classification were converted to Class N/Class P:

San Juan River Basin segments: 3, 12a and 12b

La Plata River Basin segments 6a and 6b

## D. Addition of Water Supply Use Classification and Standards

Based on review of information regarding the location of public water supplies, no additional WS classifications and standards were added to Regulation No. 34.

E <u>Agriculture Standards</u>

Numeric Standards to protect Agricultural Uses were adopted for the following segments:

San Juan River Basin segments: 12a and 12b Los Pinos River Basin segments: 7a and 7b La Plata River Basin segments: 10a and 10b

## F. Changes to Antidegradation Designation

Outstanding Waters Designation: Based on evidence that shows the water quality meets the requirements of 31.8(2)a, the OW designation was added to the following segments in Mesa Verde National Park: Segment COSJLP06c was created for waters within Mesa Verde National Park.

Based on evidence that shows the water quality meets the requirements of 31.8(2)(a), the OW designation was added to Hermosa Creek and its tributaries (except the East Fork of Hermosa Creek) above Long Hollow. A new segment, Segment COSJAF12c was created for these waters. The Commission understands that there are existing land uses, including grazing permits, in place in the watershed. The evidence demonstrates that these existing land uses are compatible with the Outstanding Water designation since the current high level of water quality has been attained with these uses in place. It is the Commission's intent that this OW designation should not be used to establish additional permit requirements for existing uses within this area.

Decoupling Cold 2 and UP: As part of the Basic Standards hearing of 2005, the Commission eliminated the direct linkage between cold-water aquatic life class 2 and the use-protected designation. Therefore, all cold-water aquatic life class 2 segments that are use-protected were reviewed to determine if that designation is still warranted. The following segments are now reviewable:

Los Pinos River Basin segments: 6a, 6b, 7a and 7b Animas River and Florida River Basin segments: 13a, 13b, 13c and 15 La Plata River Basin segment: 2a Dolores River Basin segments: 9 and 11

Decoupling Aquatic Life Warm 2 and UP Also as part of the Basic Standards hearing of 2005, the Commission decided that the presence of a warm water class 2 classification would still be a presumptive basis for applying a use-protected designation; however, that presumption can be overcome if there is data showing that the water is of high quality. Therefore, the Commission reviewed all warm water class 2 segments to determine if the use protected designation is still warranted. The following segment is now reviewable:

San Juan River Basin segment: 3

## G. <u>Ambient Quality-Based Standards</u>

There are several segments in the Basins that are assigned standards based on existing ambient water quality. Ambient standards are adopted where natural or irreversible man-induced conditions result in exceedances of table value standards. The Commission reviewed the information that is the basis for these standards as well as any new information that would indicate whether they are still appropriate, need to be modified, or should be dropped. The Commission did not adopt any changes to the ambient quality-based standards.

## H. Aquatic Life Ammonia Standards

At the June 2005 Basic Standards rulemaking, the Commission adopted the 1999 Update of Ambient Water Quality Criteria for Ammonia (US EPA, Office of Water, EPA-822-R-99-014, December 1999) as the numeric ammonia criteria for Colorado. These new criteria are in the form of total ammonia rather than un-ionized ammonia. The Commission modified the ammonia equations in 34.6(3) and footnotes to conform to Regulation No. 31. In cases where dischargers need time beyond one permit term to assure compliance with new permit limits, temporary modifications have been adopted. These are listed below in the temporary modification section.

## I. <u>Aquatic Life Metals Standards</u>

New Table Value Standards: As part of the Basic Standards hearing of 2005, new zinc and cadmium table values were adopted. The acute and chronic zinc and cadmium equations in 34.6(3) were modified to conform to Regulation No. 31.

Site-Specific Zinc Standards for Sculpin: In low hardness situations (hardness below 113 mg/L) the new zinc equation is not protective of sculpin, a native west-slope fish species. The Commission adopted sculpin-specific zinc equation as site-specific standards for the following segments that are inhabited by sculpin that also have low hardness:

San Juan River Basin segments: 5, 6a and 9a Piedra River Basin segments: 2, 3, 4a and 5 Los Pinos River Basin segments: 2a and 4a Animas River and Florida River Basin segment: 10 La Plata River Basin segments 1 and 2a Dolores River Basin segments: 1, 2, 5, 7 and 11

# J. <u>Arsenic Standards</u>

For arsenic, each use (except recreation) has a different arsenic ("As") value, including Fish Ingestion (FI) and Water Plus Fish (W+F). In different combinations of uses, different values become the most limiting. In order to eliminate the confusion, the Commission added the operative value to the individual segments. The following matrix displays the most limiting arsenic criteria.

If the Use Classifications were: These Arsenic Standards were Applied	
These Arsenic Standards were Applied	
(dissolved unless otherwise noted)	
As(ac) = 340, As(ch) = 0.02 (trec)	
As(ac) = 340, As(ch) = 0.02(trec)	
As(ac) = 340, As(ch) = 0.02 - 10(trec)	
As(ac) = 340, As(ch) = 7.6(trec)	
As(ac) = 340, As(ch) = 7.6(trec)	
As(ac) = 340, As(ch) = 100 (trec)	
As(ch) = 100 (trec)	
As(ch) = 0.02 - 10(trec)	

#### Most Limiting Arsenic Criteria Depending on the Possible Combinations of Uses and Qualifiers

## K Uranium Standards

Uranium standards were not added for any segments in this basin.

## L. <u>Temporary Modifications</u>

All temporary modifications were re-examined to determine whether to delete the temporary modification or to extend them, either as existing or with modifications of the numeric standards. Because of the June 2005 changes to Regulation No. 31, temporary modifications were not automatically extended if non-attainment persisted.

The following segments had temporary modifications that are being removed because there are no discharge permits on these segments. Non-attainment of underlying standards shall be addressed through listing and prioritization of TMDLs or through implementation of approved TMDLs:

La Plata River Basin segment 4a: (Cu) Dolores River Basin segment 9: (Zn)

The following segments have new or extended temporary modifications. As specified in 61.8(2)(c)(iii) (the Permit Rules, Regulation No. 61), where a temporary modification has been adopted, limits in permits are to be set based on the temporary modification and the provision strictly limiting the loading from the facility does not apply. These temporary modifications will be subject to review and rulemaking for the two years before their scheduled expiration in order to track progress towards the full attainment of water body standards and uses.

San Juan River Basin segment 11a: Fe(ch)=1100 ug/l; expiration date 12/31/2011. This temporary modification is intended to allow Pagosa Area Water and Sanitation District (Snowball WTP) adequate time to assess any potential changes to its discharge permit. This need for this temporary modification will be reviewed in 2009 and 2010.

La Plata River Basin segment 3a: Fe(ch)=1920 ug/l; expiration date 12/31/2011. This temporary modification is intended to allow a discharger adequate time to assess any potential changes to its discharge permit. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>La Plata River Basin segment 5a</u>:  $NH_3 = old TVS$ , expiration date 12/31/2011; This temporary modification is intended to allow the dischargers such as the Town of Mancos adequate time to assess any potential facility changes that will be required to assure compliance with new ammonia limits. This temporary modification will be reviewed in 2009 and 2010.

<u>La Plata River Basin segment 7a</u>: NH<sub>3</sub> = old TVS, expiration date 12/31/2011; This temporary modification is intended to allow the dischargers such as the City of Cortez adequate time to assess any potential facility changes that will be required to assure compliance with new ammonia limits. This temporary modification will be reviewed in 2009 and 2010.

<u>La Plata River Basin segment 8a</u>: NH<sub>3</sub> = old TVS, expiration date 12/31/2011; Fe(ch)=1500 ug/l; expiration date 12/31/2011. These temporary modifications are intended to allow the dischargers such as the City of Cortez and Dove Creek adequate time to assess any potential facility changes that will be required to assure compliance with new ammonia limits. This temporary modification will be reviewed in 2009 and 2010.

<u>La Plata River Basin segment 8c</u>:  $NH_3$  = existing quality, expiration date 12/31/2013; This temporary modification is intended to allow Lee Mobile Home Park adequate time to assess any potential facility changes that will be required to assure compliance with new ammonia limits. This temporary modification will be reviewed in 2009 and 2010.

The Upper Animas River Basin is a historic mining region undergoing remedial efforts led by the Animas River Stakeholder Group. There are approved TMDLs for the basin that cover all segments and parameters that are in non-attainment of water quality standards. Due to historic mining there are numerous other point-source discharges to nine segments in the Upper Animas River Basin that are not currently permitted. The Commission decided to retain and update temporary modifications to the historic mining impacted segments to allow flexibility in remedial efforts.

<u>Animas River Basin segment 2</u>: Existing ambient quality for all metals. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 3a</u>: Cd(ch)=3.0, Mn(ch)=3203, Zn(ch)=862. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 3b</u>: Existing ambient quality for all metals. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 3c</u>: Cu(ch)=6.6, Zn(ch)=184, no Cu, Zn acute. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 4a</u>: Al(ch)=2523 (trec), Fe(ch)=4204 (trec), Zn(ch) = 730 ug/L, Cu(ch) = 20 ug/L; Cd(ch) = 2.5 u/L, pH= 5.3; expiration date 12/31/2011. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 4b</u>: Zn(ch)=184. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 7</u>: Existing ambient quality for all metals. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 8</u>: Existing ambient quality for all metals. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

<u>Animas River Basin segment 9</u>: Al(ch)=3544(Trec), Cu(ch)=22, Fe(ch)=5023(Trec), Zn(ac/ch)=340. This temporary modification is intended to allow the TMDL directed remedial efforts adequate time to address non-attainment of standards. This need for this temporary modification will be reviewed in 2009 and 2010.

M. Other changes

The hearing of section 34.5(4) has changed to "Indian Reservations" as a more accurate description. In addition, the test of this section was revised to reflect EPA's approval of the Ute Mountain Utes' treatment as a state status for the adoption of water quality standards.

The Commission corrected several typographical and spelling errors, and clarified segment descriptions.

The reference to "Water+Fish Organics" was corrected to "Water+Fish Standards" to incorporate the appropriate standards from both the organics table and the metal parameter table in Regulation No. 31.

The segment description for Piedra segment 5 was changed to include "Williams Creek Reservoir."

The segment description for Dolores segment 5 was changed to include "Groundhog Reservoir."

Acute copper and zinc TVS were added to the table for Animas River segment 3c.

# PARTIES TO THE RULEMAKING HEARING

- 1. San Juan Citizens Alliance
- 2. Tri-State Generation and Transmission Association
- 3. National Park Service
- 4. Mountain Coal Company
- 5. West Elk Mine
- 6. Homestake Mining Company of California
- 7. Umetco Minerals Corporation
- 8. Lee Mobile Home Park

- 9. The Southwest Mesa County Rural Services Public Improvement District
- 10. Animas River Stakeholders Group
- 11. Board of County Commissioners of the County of Gunnison, Colorado
- 12. The Town of Silverton
- 13. The Town of Cedaredge
- 14. The Town of Olathe
- 15. High Country Citizens Alliance
- 16. Upper Gunnison River Water Conservancy District
- 17. Colorado Trout Unlimited
- 18. The City of Grand Junction
- 19. Gunnison County Stockgrowers Association, Inc.
- 20. The Southwestern Water Conservation District
- 21. Vista Verde Village LLC
- 22. The Colorado Division of Wildlife
- 23. Nucla Sanitation District
- 24. Town of Naturita
- 25. The Pagosa Area Water and Sanitation District
- 26. The Boxelder Sanitation District
- 27. City of Ouray
- 28. Norwood Sanitation District
- 29. U.S. Environmental Protection Agency
- 30. Colorado River Water Conservation District

# 34.33 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE: January 2007 Rulemaking Hearing; Final Action February 12, 2007; Revisions effective July 1, 2007

The provisions of section 25-8-202(1)(b), 25-8-204; 25-8-402, C.R.S., provide the specific statutory authority for adoption. The Commission also adopted, in compliance with section 24-4-103(4) C.R.S., the following statement of basis and purpose.

## **BASIS AND PURPOSE:**

The Commission revised the basin-wide temperature standards as part of the 2007 rulemaking hearing. These changes clarify the numeric temperature standards that will be in effect until the basin-wide rulemaking hearing in June of 2011. At that time, the Commission intends to consider segment specific temperature standards for all segments with aquatic life uses.

The Commission applied 17°C as an interim chronic standard for small, high elevation streams that are likely to be habitat for brook trout and cutthroat trout. First, second and third order streams are defined at section 31.5 in the Basic Standards.

The Commission also applied 18.2°C as an interim chronic standard to waters designated by the Colorado Wildlife Commission as "Gold Medal Fisheries". The Commission agrees that it is important to protect these fisheries that provide important recreational and tourism opportunities in the headwaters of Colorado. This standard is based on a criterion to protect rainbow trout. The Colorado Division of Wildlife presented evidence that rainbow trout thrive in Gold Medal fisheries because they are provided the necessary forage base and thermal conditions to maximize their consumption and growth. Because these thermal conditions also represent the upper temperature tolerance range for this species, it was determined that an interim standard of 20°C would not be adequate to protect these fisheries.

For the remainder of the cold water segments, the Commission left the current 20°C in place as an interim standard with the clarification that it is a chronic standard. The existing 30°C criterion for warm water segments was left in place as an interim standard with the clarification that is also to be applied as a chronic standard.

PARTIES TO THE RULEMAKING HEARING

- 1. The Temperature Group (City of Aurora, City of Boulder, Colorado Springs Utilities, Littleton/Englewood Wastewater Treatment, The Metro Wastewater Reclamation District, Colorado Mining Association, Colorado Rock Products Association, Tri-State Generation & Transmission Assn., Xcel Energy, Denver Water, Northern Colorado Water Conservancy District, Southeastern Colorado Water Conservancy District)
- 2. City of Grand Junction
- 3. City of Loveland
- 4. City of Pueblo
- 5. Metro Wastewater Reclamation District
- 6. City of Aurora
- 7. City of Boulder
- 8. Colorado River Water Conservation District
- 9. Colorado Wastewater Utility Council
- 10. Bear Creek Watershed Association
- 11. Chatfield Watershed Authority
- 12. Mountain Coal Company, L.L.C.
- 13. Northern Colorado Water Conservancy District
- 14. Colorado Rock Products Association
- 15. Littleton/Englewood Wastewater Treatment Plant
- 16. Northwest Colorado Council of Governments
- 17. Southeastern Colorado Water Conservancy District
- 18. Colorado Mining Association
- 19. Colorado Division of Wildlife
- 20. South Platte Coalition for Urban River Evaluation
- 21. City and County of Denver
- 22. City of Colorado Springs and Colorado Springs Utilities
- 23. City of Westminster
- 24. Board of Water Works of Pueblo
- 25. Coors Brewing Company
- 26. City and County of Broomfield
- 27. Centennial Water and Sanitation District
- 28. Plum Creek Wastewater Authority
- 29. Climax Molybdenum Company
- 30. Cripple Creek & Victor Gold Mining Company
- 31. Tri-State Generation and Transmission Association
- 32. Xcel Energy
- 33. Sky Ranch Metropolitan District No. 2
- 34. Parker Water and Sanitation District
- 35. CAM-Colorado and CAM Mining LLC
- 36. Aggregate Industries WCR, Inc.
- 37. Grand County Water and Sanitation District #1, Winter Park Water and Sanitation District, Winter Park West Water and Sanitation District and Fraser Sanitation District
- 38. Trout Unlimited and Colorado Trout Unlimited
- 39. Colorado Contractors Association
- 40. United States Environmental Protection Agency, Region 8
- 41. Hot Springs Lodge and Pool
- 42. Denver Regional Council of Governments

# 34.34 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE DECEMBER 2009 RULEMAKING REGARDING TEMPORARY MODIFICATIONS; FINAL ACTION FEBRUARY 8, 2010; EFFECTIVE DATE JUNE 30, 2010

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

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

Ammonia: Temporary modifications of ammonia standards were reviewed.

Deleted: Ammonia temporary modifications were deleted on the following segments because in most cases permits had recently been reissued for dischargers on the segments. Compliance schedules in the permits are adequate to address any necessary treatment plant upgrade issues. In other cases, no permits now discharge to this segment.

La Plata, etc segments 5a and 8a

Modified: La Plata, etc. segment 7a: The chronic ammonia temporary modification was modified to clarify that the chronic standard's value is 0.06 mg/l, rather than just "TVS old." "Type iii" was added to identify that there is significant uncertainty regarding the appropriate underlying standard. The expiration date was extended to 12/31/2012 to allow time for additional study.

Other Parameters: Temporary modifications for other parameters were also reviewed.

Deleted: Temporary modification were deleted on the following segment because no permitted discharge has been identified that needs a temporary modification.

La Plata, etc segment 3a iron

Extension of expiration dates: The Commission has decided to delay the basin-wide review of water quality classifications and standards for this basin until June 2012, to accommodate an issue-specific rulemaking for nutrient criteria in June 2011. Consistent with that decision, the expiration dates of the temporary modifications on the following segments that are currently scheduled to expire on 12/31/2011 are extended to 12/31/2012. These will be reviewed again in the December 2010 and December 2011 Temporary Modification hearing.

San Juan segment 11a Animas and Florida segments 2, 3a, 3b, 3c, 4a, 4b, 7, 8, and 9 La Plata, etc. segment 8a

The Commission would like to emphasize that its intent and expectation is that the issues that necessitated adoption of these temporary modifications should be resolved as soon as possible and in a manner that takes full advantage of the opportunities provided by the December 2010 and December 2011 reviews of temporary modifications. The Commission recognizes that it is important to resolve uncertainty regarding the underlying standards so that temporary modifications can be eliminated and any needed pollution controls can be put in place in a timely manner.

## PARTIES TO THE RULEMAKING

- 1. City of Grand Junction
- 2. City of Colorado Springs and Colorado Springs Utilities
- 3. Tri-Lakes, Upper Monument, Security and Fountain Wastewater Treatment Facilities
- 4. Paint Brush Hills Metropolitan District
- 5. Pueblo West Metropolitan District
- 6. City of La Junta
- 7. Seneca Coal Company
- 8. Tri-State Generation and Transmission Association

- 9. Plum Creek Wastewater Authority
- 10. Centennial Water and Sanitation District
- 11. City and County of Broomfield
- 12. City of Fort Collins
- 13. Metro Wastewater Reclamation District
- 14. City of Black Hawk and the Black Hawk/Central City Sanitation District
- 15. Colorado Division of Wildlife
- 16. U.S. Environmental Protection Agency

## 34.35 STATEMENT OF BASIN SPECIFIC STATUTORY AUTHORITY AND PURPOSE, FEBRUARY 8, 2010 RULEMAKING REGARDING TEMPORARY MODIFICATION FOR RITTER DRAW, EFFECTIVE DATE JUNE 30, 2010

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

## **BASIS AND PURPOSE**

The Commission added "Type iii" to the temporary modification of the ammonia standard for an unnamed tributary of Ritter Draw (La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma and Dolores County, segment 8c) in recognition that there is uncertainty regarding the appropriate underlying standard. A review of the hearing record shows that when this temporary modification was originally adopted (2006) testimony was presented that identified uncertainty regarding the aquatic life use. At that time, the type of temporary modification was not identified for each temporary modification. The Commission's current action is intended to recognize that time is needed to resolve the uncertainty about the appropriate standard before compliance is required.

## 34.36 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE DECEMBER 2010 RULEMAKING REGARDING TEMPORARY MODIFICATIONS; FINAL ACTION JANUARY 10, 2011; EFFECTIVE DATE JUNE 30, 2011

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

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

The type iii temporary modification of ammonia standards on La Plata segment 7a was reviewed. It will expire on 12/31/2012. It is anticipated that site-specific standards will be considered as part of the basin-wide review in June 2012.

Temporary modifications of metal standards in the Upper Animas Basin (Animas River segments 2, 3a, 3b, 3c, 4a, 4b, 7, 8 and 9) were reviewed. They will expire on 12/31/2012. It is anticipated that the Animas River Stakeholder Group will present a more comprehensive review as part of the basin-wide review in June 2012.

The temporary modifications of the iron standard on San Juan segment 11a and La Plata segment 8a were reviewed. They will expire on 12/31/2012. When originally adopted, time was allotted to allow dischargers time to assess potential changes to their discharge permits. It is anticipated that these will be addressed as part of the basin-wide review in June 2012.

# PARTIES TO THE RULEMAKING HEARING

- 1. Paint Brush Hills Metropolitan District
- 2. Tri-State Generation and Transmission Association
- 3. Seneca Coal Company
- 4. Mountain Water and Sanitation District
- 5. City of Grand Junction
- 6. Colorado Division of Wildlife
- 7. City of Boulder
- 8. U. S. Environmental Protection Agency
- 9. City of Colorado Springs and Colorado Springs Utilities

## 34.37 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE JUNE 13, 2011 RULEMAKING REGARDING TEMPORARY MODIFICATIONS; EFFECTIVE DATE JANUARY 1, 2012

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

## **BASIS AND PURPOSE**

The Commission's decision to delay consideration of nutrient criteria until March 2012 resulted in cancelation of the December 2011 review of temporary modifications and a three-month delay of the Regulation #34 basin-wide review. Accordingly, the Commission considered the expiration dates of temporary modifications expiring on or before December 31, 2012 in a written comment rulemaking. The Commission extended the expiration dates of the following temporary modifications to March 31, 2013. They would be reviewed during the September 2012 basin-wide rulemaking hearing.

San Juan segment 11a (Fe) Animas segment 2 (all metals) Animas segment 3a (Cd, Mn, Zn) Animas segment 3b (all metals) Animas segment 3c (Cu, Zn) Animas segment 4a (Al, Fe, Zn, Cu, Cd, pH) Animas segment 4b (Zn) Animas segment 7 (all metals) Animas segment 8 (all metals) Animas segment 9 (Al Cu, Fe, Zn) La Plata etc, segment 7a (NH<sub>3</sub>) La Plata etc, segment 8a (Fe).

## 34.38 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; SEPTEMBER 10, 2012 RULEMAKING; FINAL ACTION NOVEMBER 5, 2012; EFFECTIVE DATE MARCH 30, 2013

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. <u>Waterbody Segmentation</u>

The Commission split lakes and reservoirs from segments that also contained streams, so that new temperature standards could be adopted. Lakes and reservoirs were deleted from the following segments that previously encompassed streams and lakes and reservoirs:

San Juan River segments: 1a, 3, 4, 5, 6a, 9a, 9b, 11a, 11b, 12a Piedra River segments: 1, 5, 6a, 6b Los Pinos River segments: 1, 4a, 6a, 6b Animas and Florida River segments: 1, 3c, 6, 7, 8, 12a, 13b, 13c La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 1, 3a, 3b, 4a, 6a, 6b, 7a, 8a, 8b, 10a, 10b Upper Dolores River segments: 1, 5a, 11

The following segments were created for lakes and reservoirs:

San Juan River segments: 13, 14, 15a, 15b, 16, 17, 18a, 18b, 19 Piedra River segments: 8, 9, 10, 11a, 11b Los Pinos River segments: 8, 9, 10, 11a, 11b Animas and Florida River segments: 16, 17, 18, 19, 20, 21, 22, 23, 24 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 Upper Dolores River segments: 12, 13, 14, 15

The following segment was deleted when the constituent water bodies were merged with other segments:

San Juan River segment: 12b

Some existing stream segments were divided into two or more segments at the point where a change in temperature tiers occurred. The following segments were created or revised to facilitate adoption of the new temperature standards into individual segments:

San Juan River segments: 1a, 1b, 7, 8, 9a Piedra River segments: 2a, 2b Animas and Florida River segments: 10a, 10b, 14a, 14b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 3a, 3c, 4a, 4c, 6a

The following segments were created or revised based upon water quality and/or aquatic life data which showed that streams should be resegmented or grouped with another segment for which there was similar water quality and designated uses:

San Juan River segments: 11b Animas and Florida River segments: 12a, 12d, 13b, 13d, 14a Dolores River segments 5a, 5b

The following segment descriptions were edited to improve clarity, fix typographical errors, update numbering and correct spelling:

San Juan River segments: 2, 5, 6a, 9a, 10, 11a, 11b, 12a Piedra River segments: 4a, 5, 6a Los Pinos River segments: 7a, 7b, 8 Animas and Florida River segments: 6, 12a, 13a, 13b, 15 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 4b, 7b, 10a, 10b Upper Dolores River segment: 1

## B. <u>Revised Aquatic-Life Use Classifications and Standards</u>

The Commission reviewed information regarding the existing aquatic communities. Class 2 segments with exceptionally high MMI scores, or fish data showing the presence of a wide variety of species, were upgraded from Class 2 to Class 1.

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

La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2b, 5a, 5b San Juan River segment: 11b (revised to include water bodies from the former segment 12b)

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

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 2a Animas and Florida River segments: 12a, 12d

Fish Ingestion qualifiers were added to the following segments, based upon review of available data:

Piedra River segment 11a La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 14

Fish Ingestion qualifiers were deleted for the following segment that was upgraded from Class 2 to Class 1, since fish ingestion is presumed for all Class 1 waters:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 2a

The following segment was upgraded from Warm 2 to Cold 1 based on biological data showing that the segments have cold-water species, or cold-water species are expected to be present:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 3c

The following segments were designated as Aquatic Life Warm 2 or Cold 2, but lacked standards to fully support the Aquatic Life Use. Available data indicates that the Aquatic Life Use is attainable, and therefore the full suite of standards protective of aquatic life was added to the following segments:

San Juan River segments: 3, 12, 19 Los Pinos River segments: 6a, 6b, 11a, 11b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 10a, 10b

Some new lake segments were split from stream segments with no Aquatic Life Use. These new lake segments were designated as Aquatic Life Cold 2, because the Aquatic Life UAAs did not include data from these lakes. The full suite of standards protective of aquatic life was added to the following segments:

Animas and Florida River segments: 19, 20

A Use Attainability Analysis was prepared to downgrade the following segment from Cold 1 to Warm 1:

San Juan River segment: 8

A Use Attainability Analysis was prepared to remove the Aquatic Life Use and standards:

Animas and Florida River segment: 13d

C. <u>Recreation Classifications and Standards</u>

Newly created segments were given the same Recreation Use classification as the segment from which they were split, unless there was insufficient evidence to support keeping that classification, or evidence to show that the use classification was inappropriate or that recreation use had changed.

The following segments with year-round or seasonal Recreation N standards were upgraded to Recreation E:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 3c La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 14

The following segments with year-round or seasonal Recreation P standards were upgraded to Recreation E:

Piedra River segment: 11a La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 1, 12

The following segment with year-round or seasonal Recreation N standards was upgraded to Recreation P:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 13

## D. <u>Water Supply Use Classification and Standards</u>

Based on review of information regarding the location of alluvial wells, where the evidence demonstrates a reasonable potential for a hydrological connection between the surface water and the wells, the Water Supply Use classification and standards were added to the following segments:

San Juan River segments: 10, 11a Animas and Florida River segments: 9, 13a La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2a, 2b, 3b, 4c, 5a, 8a Upper Dolores River segment: 3

A Use Attainability Analysis was prepared to remove the Water Supply Use and standards from the following segment:

Animas and Florida River segment: 13d

E. <u>Agriculture Standards</u>

A review of the standards associated with the Agriculture Use classification showed that many segments were missing a chronic chromium III standard to protect the use. The chronic chromium III standard to protect the Aquatic Life Use classification may be not be protective of the Agriculture Use in some high hardness situations. A chromium III standard of CrIII(ch)=100(Trec), was added to the following segments classified for Agriculture Use, but not for Water Supply, which has a more restrictive chromium III standard:

San Juan River segments: 11b, 18b Los Pinos River segments: 7a, 7b Animas and Florida River segment: 3a La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 6a, 6b, 6c, 7a, 7b, 8b, 8c, 9, 13, 14, 16, 17, 18, 19

Several segments with the Agriculture Use classification were missing a standard for nitrate. A nitrate standard of 100 mg/l was added to the following segments:

Los Pinos River segments: 7a, 7b Animas and Florida River segments: 3a, 3c, 4a, 17, 19, 20 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 3a, 5b, 6a, 6b, 6c, 7a, 7b, 8b, 8c, 9, 13, 14, 16, 17, 18, 19, 20

<u>Molybdenum:</u> In 2010, the Commission adopted a new standard for molybdenum to protect cattle from the effects of molybdenosis. The table value adopted at that time was 300 ug/l, but included an assumption of 48 mg/day of copper supplementation to ameliorate the effects of molybdenosis. State and local experts on cattle nutrition indicated that copper supplementation in region is common, but is not universal. Therefore, copper supplementation assumption was removed from the equation, which yields a standard of 160 ug/l. The Commission expects that this value may be revised when data on the copper and molybdenum content of local forage becomes available. The Commission also notes that in view of EPA disapproval of the 300 ug/l table value in the Basic Standards and Methodologies for Surface Water, the Commission intends to review this value during the next Basic Standards triennial review.

The Agriculture Use table value assumes that the safe copper:molybdenum ratio is 4:1. Food and water intake is based on a 273 kg (600 lb) feeder steer consuming 6.8 kg/day of dry matter and 20% of its body weight in water per day. Total copper and molybdenum intakes are calculated from the following equations:

Cu intake mg/day = [([Cu] forage, mg/kg) x (forage intake, kg/day)] + [([Cu] water, mg/l) x (water intake, L/day)] + (Cu supplementation, mg/day)

Mo intake mg/day = [([Mo] forage, mg/kg) x (forage intake, kg/day)] + [([Mo] water, mg/l) x (water intake, L/day)] + (Mo supplementation, mg/day)

The assumed values for these equations are as follows:

[Cu] forage = 7 mg/kg, [Mo] forage = 0.5 mg/kg, forage intake = 6.8 kg/day, [Cu] water = 0.008 mg/L, [Mo] water = 0.375 mg/L, water intake = 54.6 L/day, Cu supplementation = 0 mg/day, Mo supplementation = 0 mg/day.

A molybdenum standard of 160 ug/l was adopted for all segments in Regulation 34 with an Agriculture Use classification; except for La Plata segment 6c, because grazing is not allowed within Mesa Verde National Park. No molybdenum standard was applied to Animas and Florida River segment 3b, because it does not have an Agriculture Use classification.

# F. Changes to Antidegradation Designation

Outstanding Waters: Based on evidence that shows the water quality meets the requirements of section 31.8(2)(a), and on the presence of conservation populations of native cutthroat trout in all three streams, the Outstanding Waters designation was added to Rio Lado, Little Taylor Creek and Spring Creek (Dolores River segment 5b). The Commission has determined that the evidence demonstrates that the three criteria for an Outstanding Waters designation set forth in section 31.8(2)(a) are met for this proposal. The Commission also notes that the outreach undertaken by Trout Unlimited as proponent of this designation 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 the watershed. The evidence demonstrates that these existing land uses are compatible with the Outstanding Waters designation, since the current high level of water quality has been attained with these uses in place. It is the Commission's intent that this Outstanding Waters designation 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 Outstanding Waters 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 Outstanding Waters designation from any such segment in accordance with the state substantive and procedural rules then in effect.

The Commission has not adopted the Outstanding Waters designations proposed by WildEarth Guardians for multiple segments. The Commission is not persuaded that the fact of being located within an area identified as a "roadless area" is sufficient to demonstrate that the waters in question constitute an outstanding natural resource. Moreover, the proponents did not provide adequate data to persuasively demonstrate the current quality of the waters in question. Finally, the Commission notes that the proponents did not demonstrate a substantial level of public outreach that might have helped to demonstrate a consensus that the criteria in section 31.8(2)(a) are met.

<u>Decoupling Cold 2 and UP</u>: As part of the Basic Standards hearing of 2005, the Commission eliminated the direct linkage between Cold-Water Aquatic Life Class 2 and the Use-Protected designation. The Commission reviewed available water quality data for all Cold 2 segments that were Use-Protected to determine if that designation was still warranted. The following segment(s) are now Reviewable:

Animas and Florida River segments: 17, 19, 20

<u>Decoupling Aquatic Life Warm 2 and UP:</u> As part of the Basic Standards hearing of 2005, the Commission decided that the presence of a Warm Water Class 2 classification would still be a presumptive basis for applying a Use-Protected designation; however, that presumption can be overcome if there is data showing that the water is of high quality. The Commission reviewed available water quality data for all Warm 2 segments to determine if the Use-Protected designation is still warranted. The following segment(s) are now Reviewable:

San Juan River segments: 11b (revised to include water bodies from the former segment 12b), 12

<u>Other Changes to Antidegradation:</u> The following segment was upgraded from "Warm 2"to "Warm 1" and the Antidegradation designation is now Reviewable:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 2b

The following segment was upgraded from "Warm 2" to "Cold 1" and the antidegradation designation is now Reviewable:

La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 3c

## G. Ambient Quality-Based Standards

Ambient standards are adopted where natural or irreversible man-induced conditions result in exceedances of table value standards. The Commission reviewed the information that is the basis for these standards, as well as any new information that would indicate whether they are still appropriate, need to be modified, or should be dropped. The following segments have ambient-based or other site-specific standards:

Animas and Florida River segments: 2, 3a, 3b, 4a, 7, 8, 9 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 7a, 9

No changes were made to the ambient quality-based standards for these segments.

A site-specific manganese standard of 255 ug/L was added to Dolores Segment 3. This value was calculated as the  $85^{\text{th}}$  percentile of available data from 1/1/1995 - 12/31/2012, and is expected to be representative of conditions on January 1, 2000, consistent with 31.11(6)).

## H. <u>Aquatic Life Metals Standards</u>

<u>New Table Value Standards</u>: The zinc, zinc sculpin, and aluminum table values were revised in the 2010 Basic Standards hearing. The acute and chronic zinc, zinc sculpin, and aluminum equations in 34.6(3) were modified to conform to Regulation No. 31.

<u>Site-Specific Zinc Standards for Mottled Sculpin</u>: In low hardness situations (hardness below 102 mg/L), the zinc equation is not protective of mottled sculpin (*Cottus bairdi*), a native west-slope fish species. The Commission did not add a sculpin-specific zinc equation to any segment in Regulation 34.

The Commission deleted the zinc scuplin standards from the following new and revised lake segments, where mottled sculpin are not expected to be present:

San Juan River segments: 8, 17 Piedra River segments: 8, 10 Los Pinos River segment: 10 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 12, 13 Upper Dolores River segments: 12, 13, 14, 15

<u>Chromium III Standards</u>: A review of chromium III standards showed that the standard associated with the Water Supply Use classification is not protective of aquatic life where the average hardness is low (less than 61 mg/l). A chromium III standard, CrIII(ch)=TVS was added to following segments with Aquatic Life and Water Supply Use classifications that did not previously include this standard:

San Juan River segments: 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 8, 9a, 9b, 10, 11a, 11b, 12, 13, 14, 15a, 15b, 16, 17, 18a, 18b, 19 Piedra River segments: 1, 2a, 2b, 3, 4a, 4b, 5, 6a, 6b, 7, 8, 9, 10, 11a, 11b Los Pinos River segments: 1, 2a, 2b, 3, 4a, 4b, 5, 8, 9, 10 Animas and Florida River segments: 1, 5a, 5b, 6, 10a, 10b, 11a, 11b, 12a, 12c, 12d, 13b, 13c, 14a, 15, 16, 21, 22, 23, 24 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 1, 3b, 4a, 4b, 11, 12, 15 Upper Dolores River segments: 1, 2, 3, 4a, 4b, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

The acute chromium III standard, CrIII(ac)=TVS was deleted from the following segments with Aquatic Life and Water Supply Use classifications that have the CrIII(ac)=50 ug/l standard:

San Juan River segment: 11a Animas and Florida River segment: 4b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2a, 2b, 3b

<u>Arsenic Standards</u>: A review of arsenic standards showed that the acute standard for the protection of aquatic life was missing in some segments. An Acute Arsenic standard of 340 ug/l was added to the following segments:

Los Pinos River segments: 6a, 6b, 7a, 7b, 11a, 11b

### I. Uranium Standards

At the 2010 Basic Standards rulemaking hearing, the Commission changed the Water Supply table value for uranium from 30 ug/L to a hyphenated standard of 16.8-30 ug/L. The Commission revised the language in 34.5(3)(c) to reflect the change to the basin-wide standard. A new section 34.5(3)(c)(i) was added to explain the hyphenated standard. Subsection 34.5(3)(d) was deleted because it was redundant with 34.5(3)(c).

# J. <u>Temporary Modifications</u>

All existing Temporary Modifications were re-examined to determine if they should be allowed to expire or to extend them. Temporary Modifications were not automatically extended if non-attainment persisted due to revisions made to the Temporary Modification provisions in 2005 and 2010.

The following segments had Temporary Modifications that were not extended:

San Juan River segment: 11a Animas and Florida River segments: 2, 3a, 3b, 3c, 4a, 4b, 7, 8, 9 La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 8a

The following segments have new or extended "Type A"Temporary Modifications for ammonia:

Animas and Florida River segment: 13b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 7a, 8c

Temporary Modifications were added or extended for existing discharges to these segments, based upon evidence that the dischargers could not meet water quality based effluent limits for ammonia. The Commission's intent is to preserve the status quo during the term of the Temporary Modification. Existing discharges to these segments shall continue to be authorized to discharge ammonia at their current permitted concentration and flow levels, including a "report only" value. The Division will work with the existing dischargers to determine whether the table value standard for ammonia is necessary to protect the Aquatic Life Uses of these segments. The uncertainty in the standard for each segment may be resolved through a site-specific standard or a discharger specific variance. The Commission does not intend that Temporary Modifications set at "current condition" will apply to new or expanded facilities. The progress on resolving the uncertainty with the ammonia standards will be reviewed in the annual Temporary Modification hearing in December 2013.

The following segment has a new "Type B" Temporary Modification:

Animas and Florida River segment: 3b

For Animas River Segment 3b, the Commission adopted a Type B Temporary Modification for copper, cadmium and zinc with a narrative value of "current condition", and an expiration date of December 31, 2017. The Commission's intent is to preserve the status quo during the term of the Temporary Modification. Existing discharges to Animas River Segment 3b shall continue to be authorized to discharge copper, cadmium and zinc at their current permitted concentration and flow levels, including a "report only" value. Historic mining impacts upstream from Silverton indicate that elevated levels of copper, cadmium and zinc in the Animas River may be due to irreversible human-induced conditions. Since remediation options are still be evaluated, and some improvement in water quality may be gained, it is not yet feasible to quantify the extent of irreversible impacts. The Commission does not intend that Temporary Modifications set at "current condition" will apply to new or expanded facilities. The progress on resolving the uncertainty with the cadmium, copper and zinc standards will be reviewed in the annual Temporary Modification hearing in December 2015.

# K. <u>Temperature</u>

New table values were adopted for temperature in the 2007 Basic Standards hearing, and revised in the 2010 Basic Standards hearing. Temperature standards were applied to individual segments based upon the fish species expected to be present as provided by Parks and Wildlife, temperature data, and other available evidence.

The following segments have a Cold Stream Tier I temperature standard (CS-I):

San Juan River segments: 1a, 4, 5, 7 Piedra River segments: 1, 2a, 3, 5 Los Pinos River segments: 1, 4a, 5 Animas and Florida River segments: 1, 3a, 3c, 4a, 4b, 6, 9, 10a, 12a, 12c, 12d, 13b, 14a, 15 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 1, 4a Upper Dolores River segments: 1, 2, 3, 5a, 5b, 6, 7, 8, 9, 10, 11

The following segments have a Cold Stream Tier II temperature standard (CS-II):

San Juan River segments: 1b, 2, 6a, 6b, 9a, 9b, 10 Piedra River segments: 2b, 4a, 4b Los Pinos River segments: 2a, 2b, 4b, 6a, 6b, 7a, 7b Animas and Florida River segments: 5a, 5b, 10b, 11a, 11b, 13a, 13c, 14b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2a, 3c, 4c Upper Dolores River segment: 4a

The following segments have a Warm Stream Tier II temperature standard (WS-II):

San Juan River segments: 3, 11a, 11b Piedra River segment: 6a La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2b, 3a, 3b, 5a, 5b, 6a, 6b, 7a, 7b, 8a, 8b, 9

The following segments have a Warm Stream Tier III temperature standard (WS-III):

San Juan River segment: 12a Piedra River segment: 6b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 6c, 8c, 10a, 10b

The following segments have a Cold Lakes temperature standard (CL):

San Juan River segments: 13, 15a, 15b, 16, 17 Piedra River segments: 9, 10 Los Pinos River segments: 8, 10, 11a, 11b Animas and Florida River segments: 16, 17, 18, 19, 20, 21, 23, 24 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 12, 15 Upper Dolores River segments: 12, 14, 15

The following segments have a Large Cold Lakes (greater than 100 acres surface area) temperature standard (CLL):

Piedra River segment: 8 Los Pinos River segments: 3, 9 Animas and Florida River segments: 12b, 22 La Plata River, Mancos, River, McElmo Creek and San Juan River segment: 4b Upper Dolores River segments: 4b, 13

The following segments have a Warm Lakes temperature standard (WL):

San Juan River segments: 8, 14, 18a, 18b, 19 Piedra River segments: 7, 11a, 11b La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 11,13, 14, 16, 17, 18, 19, 20, 21, 22 A temperature standard was not adopted for several segments which do not have a designated Aquatic Life Use:

Animas and Florida River segments: 2, 3b, 7, 8, 13d

The Commission recognizes that in some cases there is uncertainty about the temperature standards adopted in this hearing. The uncertainty stems from a lack of data about temperature or the aquatic community or where there is a conflict between the lines of evidence. In particular, there was very limited data available for segments within the Southern Ute and Ute Mountain Indian Reservations. It is the Commission's intent that the Division and interested parties work to resolve the uncertainty for the following segments:

San Juan River segments: 2, 6b, 9b, 11b, 15b, 18b Piedra River segments: 4b, 6b, 11b Los Pinos River segments: 2b, 4b, 6b, 7b, 11b Animas and Florida River segments: 5b, 11b, 13c, 24 La Plata River, Mancos, River, McElmo Creek and San Juan River segments: 2b, 3b, 5b, 6b, 7b, 8b, 9, 10b, 14, 17, 20, 22

## L. Other Site-Specific Revisions

<u>La Plata River, Mancos, River, McElmo Creek and San Juan River 2b</u>: The discrepancy between the Recreation Use season and the E. coli standard season was corrected. The fecal coliform standard was also deleted.

<u>Upper Dolores River segment 11</u>: The typographical error in the Agriculture designated use was corrected.

## M. Tribally-Owned Lands

The Southern Ute Indian Tribe raised an issue with the wording of section 34.5(4). The Commission deleted the phrase "in agreement with the Southern Ute and Ute Mountain Ute Indian Tribes". This section was added in 2001 and referred to a verbal staff level agreement at that time.

# PARTIES TO THE RULEMAKING HEARING

- 1. Trout Unlimited
- 2. WildEarth Guardians
- 3. National Park Service, Curecanti National Recreation Area
- 4. Mountain Coal Company
- 5. U.S. Energy Corp.
- 6. Climax Molybdenum Company
- 7. Gunnison County
- 8. Gunnison County Stockgrowers Association, Inc.
- 9. Homestake Mining Company of California
- 10. Colorado Parks and Wildlife
- 11. High Country Citizens' Alliance
- 12. Town of Crested Butte
- 13. Upper Gunnison River Water Conservancy District
- 14. Dolores Water Conservancy District
- 15. Town of Hotchkiss
- 16. Town of Olathe
- 17. Town of Silverton
- 18. Atlantic Richfield Company
- 19 City of Delta

- 20. Environmental Protection Agency
- 21 R Squared, Inc.
- 22. Wright Water Engineers, Inc.
- 23. San Juan Citizens Alliance
- 24. Colorado Sand and Gravel Association

# 34.39 FINDINGS IN SUPPORT OF ADOPTION OF EMERGENCY REVISIONS; MAY 13, 2013

The Commission adopted the corrections to the zinc table value equations as an emergency action, making the revisions effective immediately. If the Commission does not adopt revisions as an emergency, the effective date would be delayed and discharge permits with zinc limits may be issued incorrectly, which would result in an unnecessary adverse impact on the public. The Commission finds that these amount to exigent circumstances which warrant emergency adoption of these interim revisions to the relevant water quality standards. The Commission further finds that these emergency revisions are imperatively necessary to preserve public health and welfare and that compliance with the procedural requirements of section 24-4-2103, C.R.S., resulting in further delay would be contrary to the public interest.

The changes to the zinc equation are to be effective immediately upon adoption by the Commission, and continue in effect until the effective date of permanent regulations.

# 34.40 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; MAY 13, 2013 RULEMAKING; EFFECTIVE DATE SEPTEMBER 30, 2013

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

## **BASIS AND PURPOSE:**

The Commission adopted revisions to Regulation #34 after a rulemaking hearing in September 2012. Changes to two table value criteria that were made in the 2010 Basic Standards hearing were inadvertently overlooked a the time the proposal for that rulemaking was developed: revisions to the zinc standard equations and temperature values for the Warm Stream tier 2 subclass. In today's action the Commission adopted the corrections to the table values for these parameters in section 34.6. The changes to the zinc equations were adopted as an emergency temporary action (see 34.39) and as a permanent action. Since this is the initial implementation of the new temperature standards in this basin it is not anticipated that the changes to the temperature table values will result in adverse impacts in any permitting action or to the public.

# 34.41 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE APRIL 8, 2013 RULEMAKING; FINAL ACTION MAY 13, 2013 EFFECTIVE DATE SEPTEMBER 30, 2013

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**

In August of 2005, the Commission adopted revisions to the Basic Standards and Methodologies for Surface Waters (Regulation #31) to add a Water + Fish (W+F) table value standard for chronic arsenic of 0.02 micrograms per liter ( $\mu$ g/L). W+F standards are numeric human health-based water quality standards that are calculated protective values that take into account the combined exposure from the pollutant in drinking water and the pollutant accumulated in fish flesh. This criterion automatically went into effect for Aquatic Life Class 1 waters which also have a Domestic Water Supply use, when the changes to the Basic Standards became effective. It was also adopted on a segment by segment basis for Aquatic Life class 2 waters with Domestic Water Supply where the Commission determined there are fish of a catchable size of species that are normally consumed. Because of the complicated nature of the arsenic standards, specific values were added to the basin tables in the basin hearings between 2006 and 2009.

In this hearing, the Commission adopted temporary modifications for W+F chronic arsenic where a permitted discharger with a water quality–based effluent limit compliance problem exists. The adopted temporary modification is listed in the regulation tables as "As(ch)=hybrid". An explanation of the temporary modification and its expected implementation into control requirements, such as Colorado Discharge Permit System (CDPS) effluent limitations, is described in 34.6(2)(d). The temporary modification was established by the Commission to allow for a temporarily less stringent application of the chronic arsenic standard in control requirements for both existing discharges and new or increased discharges.

For discharges existing on or before 6/1/2013, the temporary modification adopted for W+F chronic arsenic is "current condition", expiring on 12/31/2021. The Commission intends that, when implementing the temporary modification of "current condition" in a CDPS permit, the Division will assess the current effluent quality, recognizing that it changes over time due to variability in treatment facility removal efficiency and influent loading from natural or anthropogenic sources, and due to changes in the influent flow and concentration over time. Maintaining the current condition will include maintaining permitted total arsenic loading to a treatment facility from arsenic contributors at the levels existing on the effective date of the temporary modification, while expressly allowing for variability in such loading due to changes in effluent quality as described above and due to changes in the influent flow and concentration over time within the permitted design flow of that facility. The Commission understands that the Division's past practice implementing this requirement in permits has been through reporting regarding the arsenic loading to the facility, and not through numeric effluent limitations. The Commission intends that the Division will continue this practice. For facilities that lack enough representative data to quantify arsenic loading, the permittee may satisfy reporting requirements through narrative descriptions of potential sources of arsenic. No permit action shall be approved that allows an increase in permitted total arsenic loading to a treatment facility. The expiration date of the temporary modification was set at 12/31/21 to allow for CDPS permits that are issued prior to the effective date of anticipated changes to the chronic arsenic standard in the 2016 Basic Standards Rulemaking to not have the temporary modification expire within the term of a permit. The Commission adopted this temporary modification to allow time for the Division, dischargers and stakeholders to continue a workgroup process to resolve the uncertainty regarding the appropriateness of the W+F chronic arsenic standard of 0.02  $\mu$ g/L with respect to a technologically feasible level of treatment.

For new or increased discharges that commence on or after 6/1/2013, the temporary modification adopted is As(ch) = 0.02–3.0 µg/L (Trec), expiring on 12/31/2021. The Commission decided that since the technologically achievable arsenic level is less stringent than the calculated W+F criterion, the temporary modification for new or increased discharges will be a range of 0.02-3.0 µg/L. The first number in the range is the health-based value, based on the Commission's established methodology for human healthbased standards that protect against the combined exposure of drinking water and eating fish. The second number in the range is the Commission's initial determination of a technologically achievable value for arsenic, set at 3.0 µg/L. Control requirements, such as discharge permits 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 during the effective period for this temporary modification. The expiration date of the temporary modification was set at 12/31/21 to allow for CDPS permits that are issued prior to the effective date of anticipated changes to the chronic arsenic standard in the 2016 Basic Standards Rulemaking to not have the temporary modification expire within the term of a permit. The Commission adopted this temporary modification to allow time for the Division, dischargers and stakeholders to continue a workgroup process to resolve the uncertainty regarding the appropriateness of the W+F chronic arsenic standard of 0.02 µg/L with respect to a technologically feasible level of treatment.

The technologically feasible level of  $3.0 \ \mu g/L$  for arsenic is based upon testimony heard by the Commission at the December 13, 2011 Emergency Revisions to Regulation #38. At the December 13, 2011 hearing, the Commission determined, as a practical manner, that  $3.0 \ \mu g/L$  is the lowest level that is technologically achievable for common types of water treatment facilities. At the April 8, 2013 Rulemaking, the Commission heard testimony that concurred with the finding from December 13, 2011 that an initial reasonable lower limit of treatment technology for arsenic is  $3.0 \ \mu g/L$ , pending further investigation by the Division, dischargers and stakeholders. The Division intends to address the uncertainty of the W+F chronic arsenic standard with respect to a technologically feasible level of treatment through a continued workgroup process, and propose a revised W+F chronic arsenic standards as part of the 2016 Basic Standards Rulemaking Hearing

Temporary modifications were adopted on the following segments. The segments identified have the previously adopted W+F chronic arsenic standard of 0.02  $\mu$ g/L and an identified CDPS permit or permits that discharge immediately to or directly above the identified segment.

San Juan River 2 San Juan River 4 San Juan River 5 San Juan River 6a Piedra River 1 Piedra River 2a Piedra River 4b Piedra River 5 Los Pinos River 1 Los Pinos River 2a Los Pinos River 2b Los Pinos River 4a Los Pinos River 4b Animas and Florida River 4b Animas and Florida River 5a Animas and Florida River 5b Animas and Florida River 6 Animas and Florida River 10b Animas and Florida River 11a Animas and Florida River 11b Animas and Florida River 12a Animas and Florida River 13b Animas and Florida River 13c Animas and Florida River 14a Animas and Florida River 14b La Plata River, Mancos River, McElmo Creek, And San Juan River in Montezuma County and Dolores County 1 La Plata River, Mancos River, McElmo Creek, And San Juan River in Montezuma County and Dolores County 4a Dolores River 8 Dolores River 11

# PARTIES TO THE RULEMAKING HEARING

- 1. Colorado Mining Association
- 2. Union Gold, Inc.
- 3. Colorado Department of Transportation
- 4. City of Colorado Springs and Colorado Springs Utilities
- 5. Town of Crested Butte
- 6. Mountain Coal Company
- 7. Centennial Water and Sanitation District
- 8. MillerCoors, LLC
- 9. Plum Creek Wastewater Authority
- 10. Tri-State Generation & Transmission Association
- 11. Climax Molybdenum Company
- 12. Littleton/Englewood Wastewater Treatment Plant
- 13. Eagle River Water and Sanitation District
- 14. City of Boulder
- 15. City and County of Denver
- 16. Parker Water and Sanitation District
- 17. U.S. Energy Corp.
- 18. U.S. Environmental Protection Agency
- 19. City of Greeley

#### 34.42 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE DECEMBER 9, 2013 RULEMAKING REGARDING TEMPORARY MODIFICATIONS; FINAL ACTION MARCH 11, 2014 EFFECTIVE DATE JUNE 30, 2014

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2015, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on three segments were reviewed.

Temporary Modifications for ammonia on the following segments were reviewed:

Animas and Florida River segment: 13b La Plata River, Mancos River, McElmo Creek, and San Juan River segments: 7a, 8c Temporary Modifications were extended for existing discharges to these segments in 2012, based upon evidence that the dischargers could not meet water quality based effluent limits for ammonia. The uncertainty in the standard for each segment may be resolved through a site-specific standard or a discharger specific variance. The expiration dates were extended to 6/30/2015. The Division intends to have proposals ready to resolve the uncertainty with the ammonia standards for the annual Temporary Modification hearing in December 2014.

# PARTIES TO THE RULEMAKING HEARING

- 1. Rio Grande Silver, Inc.
- 2. Black Hawk/Central City Sanitation District and City of Black Hawk
- 3. Centennial Water & Sanitation District, City of Littleton, City of Englewood
- 4. Colorado Parks and Wildlife
- 5. Homestake Mining Company of California
- 6. Metro Wastewater Reclamation District
- 7. South Platte Coalition for Urban River Evaluation (SP CURE)
- 8. City of Boulder
- 9. Seneca Coal
- 10. Tri-State Generation and Transmission Association
- 11. City of Fort Collins
- 12. MillerCoors, LLC
- 13. Environmental Protection Agency
- 14. Barr Lake and Milton Reservoir Watershed Association
- 15. Plum Creek Water Reclamation Authority

#### 34.43 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE AUGUST 11, 2014 RULEMAKING HEARING; FINAL ACTION AUGUST 11, 2014; EFFECTIVE DATE MARCH 1, 2015

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**

In 2010, the Commission adopted the discharger specific variance provisions at Regulation 31.7(4), which allow a temporary water quality standard to be adopted in cases where water quality based effluent limits are not feasible to achieve. A DSV is a hybrid standard that maintains the long-term water quality goal of fully protecting all designated uses, while temporarily authorizing an alternative effluent limit (AEL) to be developed for a specific pollutant and specific point source discharge where compliance with the water quality based effluent limit (WQBEL) is not feasible.

In reliance upon Durango West Metropolitan District #2's (DWMD's) commitment to implement upgrades and a continued maintenance program, the Commission adopted a DSV for Animas and Florida Segment 13b for ammonia that represents the highest degree of protection of the classified use that is feasible for DWMD. For ammonia, the monthly chronic total ammonia effluent limits for DWMD shall not be more restrictive than 15 mg/L prior to 12/31/2024. The Commission expects that DWMD will submit a progress report for the San Juan Basin Issues Formulation Hearing in November 2016 and expects that report to include information regarding whether there are any downstream domestic water supply wells that are impacted by the discharge.

# PARTIES TO THE RULEMAKING HEARING

- 1. Durango West Metropolitan District #2
- 2. Colorado Parks and Wildlife

3. U.S. Environmental Protection Agency

#### 34.44 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 8, 2014 RULEMAKING; FINAL ACTION JANUARY 12, 2015; EFFECTIVE DATE JUNE 30, 2015

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

#### **BASIS AND PURPOSE**

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2016, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on 2 segments were reviewed.

Extension: The Commission extended the expiration date of ammonia temporary modifications on the following segments.

La Plata, etc. segments 7a and 8c

Temporary modifications of the ammonia standards for these segments, due to expire on 6/30/2015, were extended to 6/30/2016. The Division is working with small domestic dischargers on these segments to explore the possibility of proposing discharger specific variances. Progress continues to be made to improve water treatment for these segments.

### PARTIES TO THE RULEMAKING HEARING

- 1. Pioneer Natural Resources USA, Inc. and XTO Energy, Inc.
- 2. U.S. Energy Corp.
- 3. Plum Creek Water Reclamation Authority
- 4, Upper Clear Creek Watershed Association
- 5. Upper Thompson Sanitation District
- 6. Colorado Parks and Wildlife
- 7. U.S. Environmental Protection Agency
- 8. High Country Conservation Advocates
- 9. Metro Wastewater Reclamation District
- 10. Climax Molybdenum Company
- 11. Rio Grande Silver, Inc.
- 12. City of Pueblo
- 13. Tri-State Generation and Transmission, Inc.
- 14. Centennial Water and Sanitation District
- 15. Xcel Energy
- 16. MillerCoors
- 17. Seneca Coal Company
- 18. Peabody-Sage Creek Mining, LLC
- 19. City of Boulder

#### 34.45 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR SAN JUAN RIVER AND DOLORES RIVER BASINS, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

<u>Overall format changes</u>: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

<u>Constraints of the new format</u>: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
  - pH (acute) Regulation #31, Table 1, footnote 3
  - E. Coli (chronic) Regulation #31, Table 1, footnote 7
  - D.O. (chronic) Regulation #31, Table 1, footnote 1
  - cyanide (acute) Regulation #31, Table 2
  - sulfide (chronic) Regulation #31, Table 2
  - nitrate (acute) Regulation #31, Table 2
  - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
  - chloride (chronic) Regulation #31, Table 2
  - boron (chronic) Regulation #31, Table 2
  - sulfate (chronic) Regulation #31, Table 2

The previous format used Footnote 1 instead of Footnote A for the arsenic hybrid standard. The label for the footnote was changed from "1" to "A" but the text of the footnote did not change.

• The footnote on Animas and Florida Segment 2 was modified to reduce the text to less than 200 characters, which is the maximum that can be included in the segment. Text longer than 200 characters has to be moved to a footnote outside the segment table (either at the front of the regulation or following the segment tables). The text change is as follows:

"The concentration of dissolved aluminum, cadmium, copper, iron, lead, manganese, and zinc that is directed toward maintaining and achieving standards established for segments 3a,4a and 4b."

The footnote regarding the variance conditions on Animas and Florida Segment 13b was moved to 34.6(4)(a) because it exceeded 200 characters and could not be shortened without substantively changing the meaning of the text.

#### 34.46 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

# **BASIS AND PURPOSE**

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on 3 segments were reviewed.

Animas River segment 3b: Temporary modifications of the cadmium, copper and zinc standards. The Town of Silverton has presented evidence that they are making progress on the plan for eliminating the need for the temporary modification. The Commission made no change to the expiration date of 12/31/2017 as the original time allotment was deemed adequate.

La Plata et al. segments 7a and 8c: Temporary modifications of the ammonia standards for these segments were extended to 6/30/2018. The Division is working with small domestic dischargers on these segments to explore the possibility of proposing discharger specific variances. Progress continues to be made to improve water treatment for these segments.

#### PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

#### 34.47 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 12, 2016 RULEMAKING; FINAL ACTION JANUARY 9, 2017; EFFECTIVE DATE JUNE 30, 2017

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

#### **BASIS AND PURPOSE**

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of temporary modifications scheduled to expire before December 31, 2018, to determine whether the temporary modification should be modified, eliminated or extended.

No action: The commission took no action on the temporary modifications on the following segments since they will be addressed in the basin wide hearing in June 2017.

Animas River Segment 3b: temporary modification of the cadmium, copper and zinc standards (expire 12/31/2017).

La Plata Segment 7a: temporary modification of the ammonia standards (expire 12/31/2018).

La Plata Segment 8c: temporary modification of the ammonia standards (expire 12/31/2018).

New Temporary Modifications of the Arsenic Standard:

Consistent with the actions taken in 2013, the commission adopted a temporary modification of the arsenic standard on segments on the following list, with an expiration date of 12/31/2021. At the April 8, 2013 rulemaking, the commission heard testimony that concurred with the finding from a December 13, 2011 hearing that an initial reasonable lower limit of treatment technology for arsenic is  $3.0 \ \mu g/L$ , pending further investigation by the division, dischargers and stakeholders. The temporary modification was established by the commission to allow for a temporarily less stringent application of the chronic arsenic standard in control requirements for both existing discharges and new or increased discharges.

San Juan River Segment 9a San Juan River Segment 11a Piedra River Segment 7 Los Pinos River Segment 5 Animas Florida River Segment 10a Animas Florida River Segment 13a Animas Florida River Segment 22 La Plata River Segment 2b La Plata River Segment 5a La Plata River Segment 12 **Dolores River Segment 1 Dolores River Segment 2 Dolores River Segment 3 Dolores River Segment 4a Dolores River Segment 4b Dolores River Segment 5a Dolores River Segment 5b** 

#### PARTIES TO THE RULEMAKING HEARING

- 1. Colorado Parks and Wildlife
- 2. Resurrection Mining Company
- 3. Public Service Company of Colorado
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining Company and Seneca Coal Company
- 6. Tri-State Generation and Transmission Association, Inc.
- 7. Climax Molybdenum Company
- 8. Rio Grande Silver, Inc.
- 9. Mt. Emmons Mining Company
- 10. Plum Creek Water Reclamation Authority
- 11. Environmental Protection Agency
- 12. Raytheon Company
- 13. City of Boulder Open Space and Mountain Parks
- 14. High Country Conservation Advocates
- 15. City of Colorado Springs and Colorado Springs Utilities
- 16. City of Black Hawk and Black Hawk/Central City Sanitation District
- 17. Town of Crested Butte and Coal Creek Watershed Coalition
- 18. Parker Water and Sanitation District

# 34.48 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 12, 2017 RULEMAKING; FINAL ACTION AUGUST, 2017; EFFECTIVE DATE DECEMBER 31, 2017

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

#### BASIS AND PURPOSE:

#### A. Water Body Segmentation

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

<u>Animas Florida Segments 2 and 3a</u>: The boundary between Segments 2 and 3a was moved upstream from Maggie Gulch to Minnie Gulch, in order to facilitate a change in use classifications and standards on this portion of the mainstem of the Animas River.

<u>Animas Florida Segments 5b through 5d:</u> Segment 5b was divided into Segments 5b through 5d. The proposed boundaries were developed in consultation with the Southern Ute Indian Tribe, and the resegmentation provides a framework for working toward common water quality standards on waters where there is a jurisdictional dispute.

<u>Animas and Florida Segment 11c:</u> All tributaries to the Florida River formerly in Segment 13c were moved to Segment 11c to improve the organization of waters in this basin.

<u>Animas Florida Segment 13c</u>: The unnamed tributary to Coal Gulch was moved to Segment 13c to facilitate a change in the water supply use classification and standards. All water bodies formerly included in Segment 13c were moved to the new Segment 13e, 13f or 11c to improve the organization of waters in this basin.

<u>Animas Florida Segment 13e and 13f</u>: Tributaries to the Animas River were moved to the new Segment 13e (above Basin Creek) and 13f (Basin Creek to New Mexico Border). The proposed boundaries were developed in consultation with the Southern Ute Indian Tribe, and the resegmentation provides a framework for working toward common water quality standards on waters where there is a jurisdictional dispute.

<u>Dolores River Segments 5a</u>: Beaver Creek and Plateau Creek were moved from Segment 5a to a new Segment 11c to facilitate a change in the use classifications and temperature standards.

<u>Dolores River Segments 10a and 10b</u>: Segment 10 was split into Segments 10a and 10b to change the temperature standards on the West Dolores River below Fish Creek from CS-I to CS-II.

<u>Dolores River Segments 11a, 11b and 11c</u>: Segment 11 was split into Segments 11a, 11b and 11c to facilitate changes to the aquatic life use classifications and temperature standards on tributaries to the Dolores River.

<u>La Plata Segment 2b, 2c and 2d</u>: The mainstem of the La Plata River from the Southern Ute Indian Reservation to the Colorado/New Mexico border was split into Segments 2b, 2c and 2d. The proposed boundaries were developed in consultation with the Southern Ute Indian Tribe, and the resegmentation provides a framework for working toward common water quality standards on waters where there is a jurisdictional dispute.

<u>La Plata Segment 3a and 3e</u>: East Alkali Gulch and Hay Gulch were moved from Segment 3a to Segment 3e to facilitate changes to the water supply and aquatic life use classifications and standards.

La Plata Segments 3c and 3d: East Cherry Creek moved from Segment 3c to a new Segment 3d to facilitate changing the temperature standard from CS-II to CS-I.

La Plata Segments 5, 6a, 7b, 8, 10 and 17: Segments 5, 6a, 7b, 8, 10 and 17 were revised and/or renumbered to facilitate the exclusion of water bodies inside the Ute Mountain Ute Indian Reservation. Former Segments 5b, 6b, 7b, 8b, 9, 10b, 20, 21 and 22 were deleted entirely, as these contained water bodies entirely within the Ute Mountain Ute Indian Reservation.

<u>La Plata Segment 6b:</u> The East Fork of Muddy Creek and East Canyon were moved to a new Segment 6b to facilitate a change in the water supply use classification and standards.

<u>La Plata Segment 7b:</u> A portion of the mainstem of McElmo Creek moved to a new Segment 7b to facilitate a change in the water supply use classification and standards.

Los Pinos Segments 2b, 2c and 2d and 4b: Segment 2b was split into 2b, 2c, and 2d. All of the water bodies previously included in Segment 4b were moved either to Segment 2c (Beaver Creek) or Segment 2d (Ute Creek and Spring Creek). The proposed boundaries were developed in consultation with the Southern Ute Indian Tribe, and the resegmentation provides a framework for working toward common water quality standards on waters where there is a jurisdictional dispute.

Los Pinos Segment 6: Los Pinos Segment 6 was revised to exclude Segment 4b. The Segment number was revised from 6a to 6, since the number for 6b was no longer needed.

Los Pinos Segment 7a: Los Pinos Segment 6b was changed to 7a and the segment description was revised to exclude Segments 2b, 2c and 2d.

Los Pinos Segment 7b: The segment description for Segment 7b was revised to include only Trail Canyon and its tributaries. Other tributaries formerly included in Los Pinos Segment 7b were moved to San Juan Segment 11b (direct tributaries to Navajo Reservoir), as it is a more appropriate sub-basin for the geographic location of these tributaries.

<u>Piedra Segment 4a:</u> A portion of Devil Creek was moved from Segment 5 to 4a to facilitate changes to the temperature standards.

<u>Piedra Segment 4b and 4c</u>: Segment 4b was split into Segments 4b and 4c to facilitate changes to the temperature standards.

<u>Piedra Segment 5a and 5b</u>: Segment 5 was split into Segments 5a and 5b to facilitate changing the temperature standard from CS-I to CS-II on some of the tributaries to the Piedra River.

<u>Piedra Segment 6c</u>: Stollsteimer Creek was moved from Segment 6b to 6c to facilitate a change in the temperature standards.

<u>Piedra Segment 6d</u>: Steven's Draw was moved from Segment 6a to a new Segment 6d to facilitate a change in the water supply use classification and standards.

<u>San Juan Segments 5 and 6a</u>: The segment description for Segments 5 and 6a was revised in order to facilitate changing the temperature standard on the mainstem of the San Juan River from CS-I to CS-II for the portion between the West Fork and Fourmile Creek.

<u>San Juan Segments 6a through 6f</u>: Segments 6a was divided into two segments, Segments 6a and 6b. The former Segment 6b was renumbered as Segment 6c, and waters from this segment were divided into four Segments 6c through 6f. These changes in segmentation were made to facilitate changes to temperature standards on the mainstem of the San Juan River below Pagosa Springs.

San Juan Segment 11c: A new Segment 11c was created to facilitate changes to the aquatic life use classifications and standards for McCabe Creek.

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

#### B. Aquatic Life Use Classifications and Standards

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

The following segments were upgraded from no Aquatic Life use to Aquatic Life Cold 1:

Animas Florida segment: 2 (a portion was moved from Segment 3a, resulting in the upgrade)

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

Dolores River segment: 9

For segments where the existing aquatic communities are not aligned with the Aquatic Life use, the following segments were upgraded from Warm to Cold:

San Juan River segment 11c

For segments where the existing aquatic communities are not aligned with the Aquatic Life use, the following segments were downgraded from Cold to Warm:

San Juan River segment: 2 Dolores River segment: 11c

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

San Juan River segment: 19 Los Pinos River segment: 6 Animas Florida River segment: 11c La Plata River segments: 3b, 19

#### C. Recreation Use Classifications and Standards

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

#### D. Water Supply Use Classification and Standards

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

San Juan River segment: 11b La Plata River segments: 3e, 7b Los Pinos River segments: 6, 7

The commission removed the Water Supply use classification and standards where the evidence demonstrated that a Water Supply use does not currently exist due to flow or other conditions, and that such a use is not reasonably expected in the future due to water rights, source water options, or other conditions. The water supply standard for chloride was retained for these segments, given concerns regarding the protection of aquatic life by the existing Water Supply standard. The Water Supply use classification and standards, except for chloride, were removed from the following segments:

Animas Florida segment: 13c Piedra River segment: 6d

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

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

# E. Agriculture Use Classification and Standards

A review of the segments with an existing Agriculture use classification showed that some segments were missing one or more standards to protect that use. The full suite of Agriculture standards was added to the following segments:

#### Dolores River segment: 9

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

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

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

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

The Agriculture table value assumes that the safe copper:molybdenum ratio is 4:1. Food and water intake is based on growing heifers, steers, and bulls consuming 6.7 kg/day of dry matter and 56.8 liters of water per day. Total copper and molybdenum intakes are calculated from the following equations:

Cu intake mg/day = [([Cu] forage, mg/kg) x (forage intake, kg/day)] + [([Cu] water, mg/l) x (water intake, L/day)] + (Cu supplementation, mg/day)

Mo intake mg/day = [([Mo] forage, mg/kg) x (forage intake, kg/day)] + [([Mo] water, mg/l) x (water intake, L/day)] + (Mo supplementation, mg/day)

The assumed values for these equations are as follows:

[Cu] forage = 7 mg/kg, [Mo] forage = 0.5 mg/kg, forage intake = 6.7 kg/day, [Cu] water = 0.008 mg/L, water intake = 56.8 L/day, Cu supplementation = 0 mg/day, Mo supplementation = 0 mg/day.

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

A molybdenum standard of 150  $\mu$ g/L was adopted for all segments in Regulation No. 34 that have an Agriculture use classification, and where livestock or irrigated forage are present or expected to be present. The following segments do *not* have an Agriculture or a Water Supply use classification. No molybdenum standard was applied to these segments:

Animas Florida Segment 3b

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

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

EPA's updated cadmium criteria are less stringent than Colorado's current cadmium standards when water hardness is greater than 45 mg/L CaCO<sub>3</sub>. Although the criteria are less stringent, they were developed using the latest science and are protective of aquatic life, and it is expected that Colorado's state-wide cadmium standards will likely be updated using the 2016 EPA cadmium criteria at a later date. Therefore, the commission determined it was appropriate to adopt the new criteria for waters known to be impaired for cadmium to ensure forthcoming clean-up goal development and Total Maximum Daily Load (TMDL) evaluations are based on the most relevant water quality standards available. The updated cadmium standards were adopted for the following segments:

Animas Florida segments: 3a, 3c, 4a, 4b, 6 and 9 Dolores River segment: 9

3. Cadmium, Nickel, and Lead for Water Supply: A review of the cadmium, nickel, and lead standards showed that uses were not always adequately protected by the standards currently in the tables. Depending on hardness, the Aquatic Life standards for cadmium, lead, and nickel were not protective of the Water Supply use. The division reviewed all segments in Regulation No. 34 to determine if the current standards applied to each segment are fully protective of the assigned uses, and revised or added standards where appropriate.

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

San Juan segments: 1a, 1b, 2, 4, 5, 6a, 6b, 6c, 6d, 6e, 6f, 7, 8, 9a, 9b, 10, 11a, 11b, 11c, 13, 15a, 15b, 16, 17

Piedra River segments: 1, 2a, 2b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 6c, 7, 8, 9, 10, 11a, 11b

Los Pinos segments: 1, 2a, 2b, 2c, 2d, 3, 4, 5, 6, 7a, 8, 9, 10

Animas Florida segments: 1, 4b, 5a, 5b, 5c, 5d, 5e, 6, 9, 10a, 10b, 11a, 11b, 11c, 12a, 12b, 12c, 12d, 13a, 13b, 13e, 13f, 14a, 14b, 15, 16, 18, 21, 22, 23, 24

La Plata River segments: 1, 2a, 2b, 2c, 2d, 3b, 3c, 3d, 3e, 4a, 4b, 4c, 5, 6b, 7b, 8, 11, 12, 15

Dolores River segments: 1, 2, 3, 4a, 4b, 5a, 5b, 6, 7, 8, 10a, 10b, 11a, 11b, 11c, 12, 13, 14, 15

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

#### G. Antidegradation Designations

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

Piedra River segment: 6a La Plata River segment: 3b

#### H. Ambient Quality-Based Standards

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

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

#### I. Temporary Modifications

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

The commission deleted or allowed to expire on 12/31/2017 certain temporary modifications on the following segments:

Animas Florida River segment: 3b (cadmium and zinc)

The commission revised or extended Temporary Modification on the following segments:

<u>Animas Florida Segments 3b and 4a</u>: Temporary modifications of the copper standards were extended to 12/31/2022 on Segment 3b and adopted on Segment 4a. The Town of Silverton presented evidence that additional time is needed to resolve the uncertainty regarding the underlying copper standards. There is uncertainty regarding the degree to which existing concentrations of copper are irreversible, because the U.S. EPA Superfund Program is evaluating potential remediation projects in the watershed that may reduce loading of copper to the Animas River. There is also uncertainty regarding the degree to which the copper loading from Silverton's effluent is irreversible, and Silverton will complete an alternatives analysis to resolve this uncertainty and determine how much copper reduction is feasible. Therefore, the commission extended the expiration date of the "current conditions" temporary modifications for copper to 12/31/2022.

La Plata Segment 7a and 9: The commission extended the ammonia temporary modifications on La Plata Segment 7a and 9. There is uncertainty regarding the degree to which the ammonia loading from Lee Mobile Home Park's and Vista Verde's effluent discharges is irreversible, and these facilities will complete an alternatives analysis to resolve this uncertainty and determine how much water quality improvement is feasible. Therefore, the commission extended the expiration date of the temporary modifications for copper to 6/30/2020. The commission changed the operative value of the temporary modification from "old TVS" to "current condition" on La Plata Segment 7a to be consistent with the commission's current practice for temporary modifications. Since the "old TVS" is no longer referenced in Appendix 34-1, the old ammonia standard equations and related footnotes were deleted from 34.6.

To remain consistent with the commission's decisions regarding arsenic in section 34.41, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/21) were retained. An arsenic temporary modification was added to the following segments, which had an existing or newly added chronic arsenic standard 0.02  $\mu$ g/L and a permitted discharger with a water quality–based effluent limit compliance problem:

Los Pinos River segments: 6

#### J. Discharger Specific Variances

There is currently one segment in the San Juan and Dolores River Basins (Animas Florida Segment 13c) that has a discharger specific variance (DSV) for ammonia. The commission reviewed the basis for this DSV and the available information regarding progress toward achieving the highest attainable water quality. The commission determined that this DSV is still appropriate and does not require revision at this time.

#### K. Temperature Standards for Rivers and Streams

The commission revised temperature criteria in Regulation No. 31 in 2007, and again in 2010, based on the development of the Colorado Temperature Database and a lengthy stakeholder process. In 2012, the new temperature standards were adopted for all segments with an Aquatic Life use classification in Regulation No. 34. In June 2016, temperature criteria in Regulation No. 31 were further revised, including changes to the temperature table value standards, revision of warm water winter acute standards, and the addition of footnotes to protect lake trout and mountain whitefish.

- 1. <u>Colorado Temperature Database Update</u>: The Colorado Temperature Database was updated in 2016 to reflect the most recent research regarding the thermal requirements of Colorado's fishes, which allowed for adoption of an overall update of the cold and warm water acute and chronic temperature table value standards. In this hearing, the commission adopted revisions at 34.6(3) to bring this regulation into conformity with the revised table value standards found in Table I of Regulation No. 31.
- 2. Warm Water Winter Acute Table Values: The 2016 updates to the temperature database also allowed for the adoption of revisions to the warm water winter acute table values. When seasonal numeric temperature standards were first adopted in 2007, warm water winter acute and chronic standards were simply set at half the summer season table values, recognizing a pattern seen in cold waters. In 2016, the acute winter table values for warm water fish were revised based on lethal temperature thresholds established in laboratory experiments for fish acclimated to "winter" temperatures. Standards derived using this new method more accurately protect warm water fish from acute thermal effects in winter. In this hearing, the commission adopted revisions at 34.6(3) to bring this regulation into conformity with the revised warm water winter acute temperature table value standards found in Table I of Regulation No. 31.
- 3. <u>Mountain Whitefish and Lake Trout Footnotes</u>: In 2016, the commission adopted two footnotes to Table I of Regulation No. 31 to allow for additional thermal protection of mountain whitefish and lake trout where appropriate. These species were given special standards due to their thermal sensitivity and limited distributions. In Regulation No. 34, there are no water bodies where lake trout are expected to occur, or where thermally-sensitive spawning and early life stages of mountain whitefish are known to occur, based upon information provided by Colorado Parks and Wildlife. No changes were adopted at this time to protect mountain whitefish or lake trout.

### 4. <u>Refinement of Temperature Standards</u>

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

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

- i. <u>Existing Uncertainty</u>: While a great deal of progress has been made regarding the development and implementation of temperature standards, uncertainty still remains for some segments due to the lack of site-specific temperature or aquatic community information or conflicts between the lines of evidence. This uncertainty was highlighted in the statement of basis and purpose language for the 2012 Regulation No. 34 Rulemaking Hearing at 34.38.K. To address this uncertainty, these segments were targeted for additional data collection where possible, and all new information collected for these segments was evaluated as part of this basin review.
- ii. <u>Attainability</u>: Following the commission's 2016 direction to consider attainability issues using a basin-by-basin approach, the division reviewed all available information to identify segments where attainability issues may exist based upon available instream temperature data and expected in-stream summer maximum weekly average temperatures (MWATs). Expected MWATs were determined using regression analysis of temperature and elevation and the NorWeST Stream Temperature Regional Database and Model. This screening found that many segments, or portions of segments, were not expected to attain the summer or winter chronic temperature standards. These waters were targeted for additional review, as were waters listed as impaired for temperature on the 2016 303(d) List.
- iii. <u>Aquatic Life Use</u>: For these selected segments, the division conducted a comprehensive, site-specific review of the existing use classification and temperature standards. Fishery data provided by Colorado Parks and Wildlife (CPW) was evaluated to identify fish species expected to occur, whether reproduction is expected (i.e., stocked, transient, or resident species), age class structures, and any other relevant information regarding aquatic life communities. For segments where little or no information on fish species expected to occur existed, fish population data from adjacent and representative water bodies was utilized when possible.
- iv. <u>Thermal Drivers</u>: In cases where temperature standards to protect the highest attainable use were determined, but the temperature standards were not attainable, site-specific factors that influence in-stream temperature were evaluated to identify any correctable anthropogenic thermal sources. All available data on temperature, hydrology, hydro-modification, canopy cover, groundwater influence, point and non-point thermal sources, and other relevant information was reviewed.

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

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

San Juan River segment: 6a Piedra River segment: 5b Dolores River segment: 10b, 11b

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

La Plata River segment: 3d

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

San Juan River segment 2 Dolores River segment 11c

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

La Plata River segment 3e

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

Piedra River segment: 6c

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

San Juan River segments: 6b, 6c, 6d, 6e, 6f, 11c Piedra River segments: 4a, 4b, 4c

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

San Juan River segments: 3, 9a and 9b Los Pinos River segments: 2c, 2d, 4b, 7a and 11b Animas Florida segment: 4a, 5b – 5e, 11a, 11b, 11c, 13b, 13c, 13f, 14b La Plata River segments: 2b, 2c, and 2d

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

#### L. Ambient Quality-Based Temperature Standards for Lakes

The WAT standard was found to be unattainable for a number of cold large lakes and reservoirs where evidence indicated there are healthy cold water fish populations. Because summertime temperature in the mixed layer for large lakes and reservoirs is very well correlated to the water body's elevation, the commission adopted ambient temperature standards for large lakes wherever data were available to characterize a WAT and the thermal characteristics of the lakes and reservoirs were determined to be the result of natural or irreversible man-induced conditions. Ambient temperature standards were adopted for the following lakes:

Dolores River: 4b (McPhee and Summit Lakes)

#### M. Nutrients

In March 2012, the commission adopted interim nutrient values in the Basic Standards (Regulation No. 31) and created a new statewide control regulation (Regulation No. 85) to address nutrients in Colorado. Regulation 31.17 includes interim nutrient values for total phosphorus, total nitrogen, and chlorophyll *a* for both lakes and reservoirs, and rivers and streams. Due to the phased implementation approach adopted with these criteria (31.17(e)), the commission considered adoption of only total phosphorus and chlorophyll *a* standards at this time. Nitrogen standards were not considered as part of this rulemaking hearing, but will be considered in the next triennial review, currently scheduled for June 2020.

Total phosphorus and chlorophyll *a* standards were 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 No. 85 effluent limits and discharging prior to May 31, 2012. A new section (4) was added at 34.5 describing implementation of the interim nutrient values into the tables at 34.6, and includes a table which lists these facilities and the segment to which they discharge.

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.

For rivers and streams segments, total phosphorus standards were adopted for segments with an Aquatic Life use. Chlorophyll *a* standards were adopted for segments with either an E or P Recreation use classification.

For lakes and reservoirs segments, a note was added to total phosphorus and chlorophyll standards adopted for lakes in the tables at 34.6, as these standards only apply to lakes larger than 25 acres.

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

31.17(e)(iii) also allows the commission to adopt numeric nutrient standards for circumstances where the provisions of Regulation No. 85 are not adequate to protect waters from existing or potential nutrient pollution. No proposals were made to adopt standards based on this provision in this rulemaking.

Chlorophyll a standards were adopted for the following segments:

San Juan River segments: 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 8, 9a, 9b, 10, 11a, 11b, 11c, 12, 13, 14, 15a, 15b, 16, 17, 18a, 18b, 19

Piedra River segments: 1, 2a, 2b, 3, 4a, 5a, 5b, 6a, 6b, 6c, 6d, 8, 9, 10, 11a, 11b

Los Pinos River segments: 1, 2a, 4, 5, 6, 7a, 7b, 8, 9, 10, 11a, 11b

Animas Florida River segment: 1, 2, 3a, 3b, 3c, 6, 7, 8, 9, 10a, 10b, 11c, 12a, 12b, 12c, 12d, 13a, 13b, 13c, 13d, 13e, 13f, 14a, 14b, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

La Plata River segments: 1, 2a, 2b, 2c, 2d, 3a, 3b, 3c, 3d, 3e, 4a, 4b, 4c, 5, 6a, 6b, 6c, 7a, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Dolores River segments: 1, 2, 3, 4a, 4b, 5a, 5b, 6, 7, 8, 9, 10a, 10b, 11a, 11b, 11c, 12, 13, 14, 15

Total Phosphorus standards were adopted for the following segments:

San Juan River segments: 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 8, 9a, 9b, 10, 11a, 11b, 11c, 12, 13, 14, 15a, 15b, 16, 17, 18a, 18b, 19

Piedra River segments: 1, 2a, 2b, 3, 4a, 5a, 5b, 6a, 6b, 6c, 6d, 8, 9, 10, 11a, 11b

Los Pinos River segments: 1, 2a, 4, 5, 6, 7a, 7b, 8, 9, 10, 11a, 11b

Animas Florida River segment: 1, 3a, 3c, 6, 9, 10a, 10b, 11c, 12a, 12b, 12c, 12d, 13a, 13b, 13c, 13e, 13f, 14a, 14b, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

La Plata River segments: 1, 2a, 2b, 2c, 2d, 3a, 3b, 3c, 3d, 3e, 4a, 4b, 4c, 5, 6a, 6b, 6c, 7a, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Dolores River segments: 1, 2, 3, 4a, 4b, 5a, 5b, 6, 7, 8, 9, 10a, 10b, 11a, 11b, 11c, 12, 13, 14, 15

#### N. Direct Use Water Supply Sub-classification

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

Piedra River segment: 7 (Hatcher and Stevens Reservoirs) Animas Florida River segment: 23 (City Reservoir #1 and Lake Durango) La Plata River segment: 4b (Jackson Gulch Reservoir) Dolores River segment: 4b (McPhee Reservoir)

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

#### O. Other/Site-Specific Revisions

The commission revised segment descriptions and/or deleted entire segments to exclude all waters within the Ute Mountain Ute Indian Tribe from Regulation No. 34:

La Plata River, Mancos River, McElmo Creek, and San Juan River in Montezuma County and Dolores County: Segments 5, 6a, 7b, 8, 10 and 17

#### P. Duration of nitrite standard

The commission corrected the duration of the nitrite standard from chronic to acute on all segments. When the commission adopted the new format for tables in 2016, all nitrite standards were incorrectly included in the "chronic" standards column.

# Q. Typographical and Other Errors

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

Los Pinos River segments: 4, 6 Animas Florida River segment: 4b, 5a, 6, 10b, 11b, 13b La Plata River segments: 6a, 9, 14

#### PARTIES TO THE RULEMAKING HEARING

- 1. Town of Silverton
- 2. Animas River Stakeholders Group
- 3. Homestake Mining Company
- 4. Mt. Emmons Mining Company
- 5. Colorado Parks and Wildlife
- 6. Colorado Waste Water Utility Council
- 7. Ouray Silver Mines Inc.
- 8. Trout Unlimited
- 9. U.S. Environmental Protection Agency, Region 8 Office
- 10. Towns of Hotchkiss, Lake City, Olathe, Ridgway
- 11. Southwestern Water Conservation District
- 12. Dolores Water Conservancy District
- 13. High Country Conservation Advocates
- 14. Upper Gunnison River Water Conservancy District
- 15. Littleton/Englewood Wastewater Treatment Plant
- 16. Eagle River Water and Sanitation District
- 17. Town of Crested Butte, Gunnison County, Coal Creek Watershed Coalition
- 18. Northern Colorado Water Conservancy District
- 19. Tri-State Generation and Transmission Association, Inc.
- 20. Climax Molybdenum Company
- 21. Northwest Colorado Council of Governments Water Quality/Quantity Committee

#### 34.49 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 10, 2018 RULEMAKING; FINAL ACTION JANUARY 14, 2019; EFFECTIVE DATE JUNE 30, 2019

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

#### **BASIS AND PURPOSE:**

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of temporary modifications scheduled to expire before December 31, 2020 to determine whether the temporary modification should be modified, eliminated, or extended.

For the temporary modifications set to expire after the effective date of this hearing, 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 necessary. The commission took no action on the following temporary modifications:

La Plata Segment 7a (COSJLP07a): temporary modification of the ammonia standards (expires 6/30/2020). Vista Verde continues to make progress on resolving the uncertainty regarding the degree to which the ammonia loading from Vista Verde's effluent discharge is irreversible, and will complete an alternatives analysis to resolve this uncertainty and determine how much water quality improvement is feasible. The commission made no change to the expiration date, as the original time allotment was deemed adequate to resolve the uncertainty.

La Plata Segment 9 (COSJLP09): temporary modification of the ammonia standards (expires 6/30/2020). Lee Mobile Home Park continues to make progress on resolving the uncertainty regarding the degree to which the ammonia loading from Lee Mobile Home Park's effluent discharge is irreversible, and will complete an alternatives analysis to resolve this uncertainty and determine how much water quality improvement is feasible. The commission made no change to the expiration date, as the original time allotment was deemed adequate to resolve the uncertainty.

# 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 06/30/2019

1a. Mainstem							
		ling all wetlands and tributaries, from the bo	oundary of the Sout	h San Juan			
COSJSJ01A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Suilde		0.002	Silver	TVS	TVS(tr)
							100(0)
					Uranium		 T\/S
1b Mainstem	of the Navaio River, includin	on all wetlands and tributaries from below th	ne confluence with S	Sheen Creek	Uranium Zinc	TVS	 TVS
in Segment 3.	• ·	ng all wetlands and tributaries from below th		Sheep Creek	Uranium Zinc to the Colorado/New Mexi	TVS co border, except for	
in Segment 3. COSJSJ01B	Classifications	ng all wetlands and tributaries from below th Physical and	Biological		Uranium Zinc to the Colorado/New Mexi	TVS	
in Segment 3. COSJSJ01B Designation	Classifications Agriculture	-	Biological DM	MWAT	Uranium Zinc to the Colorado/New Mexi	TVS co border, except for	
in Segment 3. COSJSJ01B	Classifications Agriculture Aq Life Cold 1	-	Biological DM CS-II	MWAT CS-II	Uranium Zinc to the Colorado/New Mexi	TVS co border, except for Metals (ug/L) acute 	specific listings
in Segment 3. COSJSJ01B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C	Biological DM	MWAT CS-II chronic	Uranium Zinc to the Colorado/New Mexi	TVS co border, except for Metals (ug/L) acute	specific listings
in Segment 3. COSJSJ01B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Uranium Zinc to the Colorado/New Mexi	TVS co border, except for Metals (ug/L) acute 	specific listings chronic
in Segment 3. COSJSJ01B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic	TVS co border, except for Metals (ug/L) acute  340	specific listings chronic
in Segment 3. COSJSJ01B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T)	TVS co border, except for Metals (ug/L) acute  340 	specific listings chronic  0.02
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium	TVS co border, except for Metals (ug/L) acute  340  	specific listings chronic  0.02 
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS co border, except for detals (ug/L)  340   TVS(tr)	specific listings chronic  0.02  TVS
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS co border, except for Metals (ug/L) acute  340  TVS(tr) 5.0	specific listings chronic  0.02  TVS 
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS co border, except for Metals (ug/L) acute  340  TVS(tr) 5.0 	specific listings chronic  0.02  TVS TVS
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS co border, except for //etals (ug/L) acute  340  TVS(tr) 5.0  50	specific listings
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0  150 126	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS co border, except for Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	specific listings chronic  0.02  TVS  TVS  TVS
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150 126 chronic	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS co border, except for //etals (ug/L)  340  TVS(tr) 5.0  50 TVS TVS	specific listings chronic  0.02  TVS  TVS  TVS TVS
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0           120           126           chronic           TVS	Uranium Zinc to the Colorado/New Mexi to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	TVS co border, except for Metals (ug/L)  340  TVS(tr) 5.0  50 TVS TVS TVS	specific listings chronic  0.02  TVS  TVS  TVS  XS WS
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia       Boron	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) xVS 	MWAT           CS-II           chronic           6.0           7.0           126           chronic           TVS           0.75	Uranium Zinc to the Colorado/New Mexic Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS co border, except for Metals (ug/L)  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	specific listings chronic  0.02  TVS  TVS  TVS  XS  XS  XS  XS  
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia       Boron       Chloride	Biological DM CS-II acute   6.5 - 9.0  c (mg/L) x Cmg/L TVS  	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Uranium Zinc to the Colorado/New Mexi at the Colorado/New Mexi Arsenic Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium II	TVS co border, except for Metals (ug/L) acute ac	specific listings chronic  0.02  1.02 
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  () c (mg/L) C (mg/L) C (mg/L) C (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III	TVS co border, except for Metals (ug/L)  340  TVS(tr) 5.0 5.0 TVS 50 TVS TVS TVS TVS TVS TVS 50 TVS	specific listings chronic   0.02  1.02 
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and i Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  5.0  0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011 	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium III Chromium III Chromium III Chad Lead(T) Manganese	TVS co border, except for Metals (ug/L) acute  340  TVS(r) 5.0  TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	specific listings chronic       TVS  TVS        -
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 120 120 126 Chronic TVS 0.75 250 0.011  100 0.011	Uranium Zinc to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS co border, except for  Metals (ug/L)  Acute  340  TVS(tr)  5.0  50  TVS  TVS  TVS  TVS  50  TVS	specific listings chronic  0.02  TVS  TVS  TVS  1000 TVS 0.01(t)
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute   6.5 - 9.0  (c (mg/L) C (mg/L)	MWAT           CS-II           chronic           6.0           7.0           126           126           chronic           TVS           0.75           250           0.011                 0.011	Uranium Zinc to the Colorado/New Mexic atterned and and and and and and and and and an	TVS         co border, except for         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         TVS         50         TVS         50         TVS         TVS         TVS         TVS         TVS         TVS <tr tr="">        -</tr>	specific listings chronic  0.02  TVS  TVS  TVS  TVS  TVS   TVS       
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 0.005 10 0.005 10 0.005	MWAT           CS-II           chronic           6.0           7.0           150           126           0.75           250           0.011              0.11              0.11           WS	Uranium Zinc Cothe Colorado/New Mexi Cothe Colorado/New Mexi Aluminum Arsenic Aluminum Arsenic Cadmium	TVS           co border, except for           Metals (ug/L)           acute              340              340              TVS(tr)           50           TVS           TVS           TVS           50           TVS	specific listings chronic  
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute   6.5 - 9.0   () C (mg/L) C (mg/L) C (mg/L) 10 0.005 10 0.05 10 0.05	MWAT           CS-II           chronic           6.0           7.0           126           126           chronic           TVS           0.75           250           0.011                 0.011	Uranium Zinc to the Colorado/New Mexi to the Colorado/New Mexi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III	TVS       co border, except for       detals (ug/L)       acute          340          340          TVS(r)       5.0       TVS       50       TVS	specific listings chronic  
in Segment 3. COSJSJ01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 0.005 10 0.005 10 0.005	MWAT           CS-II           chronic           6.0           7.0           150           126           0.75           250           0.011              0.11              0.11           WS	Uranium Zinc Cothe Colorado/New Mexi Cothe Colorado/New Mexi Aluminum Arsenic Aluminum Arsenic Cadmium	TVS         co border, except for         Metals (ug/L)         acute         a         340            340            TVS(tr)         5.0         TVS         TVS         TVS         50         TVS         60         TVS         60         70         70         70         70         70         70 </td <td>specific listings chronic  </td>	specific listings chronic  

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen

T = total recoverable

t = total tr=trout

sc=sculpin

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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2. Mainstem o	of the Navajo River f	rom the Colorado	New Mexico border to the	confluence wit	th the San Ju	uan River.			
COSJSJ02	Classifications		Physic	al and Biologi	ical		1	Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:			D.O. (spawning)			7.0	Beryllium		
Other:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	lodification(s):		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
Arsenic(chron	.,		E. Coli (per 100 mL)			126	Chromium III		TVS
	te of 12/31/2021						Chromium III(T)	50	
*Countle arma i lite	ladian Decemetica		I	norganic (mg/	L)		Chromium VI	TVS	TVS
"Southern Ute	e Indian Reservation				acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			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		
							Zinc	TVS	TVS
						vajo River; a	Il tributaries to the Navajo	River and the Little Na	avajo River,
including all w COSJSJ03	etlands, from the Sa Classifications	an Juan-Chama d	iversions to the confluence	e with the San J al and Biologi				Metals (ug/L)	
Designation	Agriculture		FilySic	ai allu biologi	DM	MWAT	1	acute	chronic
Reviewable	Ag Life Warm 2		Temperature °C		WS-II	WS-II	Aluminum		
1 to Howable	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:			pH		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )			150	Beryllium(T)		100
Other:			E. Coli (per 100 mL)	5/1 - 10/31		205	Cadmium	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III	TVS	TVS
				11/1 - 7/00		000	Chromium III(T)		100
				norgania (mal	1)		Chromium VI	TVS	TVS
			'	norganic (mg/	,	chronic	Copper	TVS	TVS
			Ammonia		acute		lron(T)		1000
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Manganese		TVS
								TVC	
			Chloride					TVS	
			Chloride Chlorine		0.019	0.011	Mercury		0.01(t)
			Chloride Chlorine Cyanide		0.019 0.005	0.011	Mercury Molybdenum(T)		0.01(t) 150
			Chloride Chlorine Cyanide Nitrate		0.019 0.005 100	0.011 	Mercury Molybdenum(T) Nickel	  TVS	0.01(t) 150 TVS
			Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 100 	0.011	Mercury Molybdenum(T) Nickel Selenium	  TVS TVS	0.01(t) 150 TVS TVS
			Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		0.019 0.005 100 	0.011 0.17	Mercury Molybdenum(T) Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 150 TVS TVS TVS
			Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 100 	0.011	Mercury Molybdenum(T) Nickel Selenium	  TVS TVS	0.01(t) 150 TVS TVS

D.O. = dissolved oxygen

sc=sculpin

COSJSJ04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nysicai ana i	DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
511	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)	540	0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		0.02
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
	lodification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron				120	Chromium III(T)	50	
Expiration Da	te of 12/31/2021		- (m = 1)		Chromium VI	TVS	TVS
		Inorgani	acute	chronic	-	TVS	TVS
		Ammonia	TVS		Copper Iron	103	WS
		Ammonia		TVS			1000
		Boron		0.75	Iron(T)	TVS	TVS
		Chloride		250	Lead		105
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		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(tr)
					Uranium		
					Zinc	TVS	TVS
	nd West Forks of the San Juan River, in the mainstem of the San Juan River.		ver from a point be		luence with the West Fork t		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chron	lodification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
•	te of 12/31/2021				Chromium III(T)	50	
•	_	Inorgani	c (ma/l )		Chromium VI	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5).	norgan	acute	chronic	Copper	TVS	TVS
Phosphorus(	chronic) = applies only above the	Ammonia	TVS		Iron	105	WS
acilities listed	at 34.5(5).	Ammonia	178	TVS			1000
		Boron		0.75	Iron(T)		1000

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

D.O. = dissolved oxygen DM = daily maximum

t = total

Chloride

Chlorine

Cyanide

Nitrate

Nitrite

Sulfate

Sulfide

Phosphorus

MWAT = maximum weekly average temperature

tr=trout sc=sculpin See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

250

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0.11\*

0.002

WS

0.011

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0.019

0.005

10

0.05

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Lead

Lead(T)

Mercury

Nickel

Nickel(T)

Selenium

Uranium

Silver

Zinc

Manganese

Molybdenum(T)

TVS

50

TVS

----

----

----

TVS

TVS

TVS

TVS

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TVS

--

TVS/WS

0.01(t)

150

TVS

100

TVS

\_\_\_

TVS(tr)

TVS(sc)

	of the ball buan taker norma point in	nmediately below the confl	uence with the	West Fork to	o Highway 10	60 in Pagosa Springs.		
COSJSJ06A	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Aq Life Cold 1			DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C		CS-II	CS-II	Aluminum		
	Water Supply			acute	chronic	Arsenic	340	
	Agriculture	D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Other:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			150*	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)			126	Chromium III		TVS
Expiration Dat	te of 12/31/2021					Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only	li	norganic (mg/l	_)		Chromium VI	TVS	TVS
above the faci	lities listed at 34.5(5).			acute	chronic	Copper	TVS	TVS
facilities listed	chronic) = applies only above the at 34.5(5).	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		0.01(t)
		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(tr)
						Uranium		
						Zinc	TVS	TVS(sc)
	of the San Juan River from Highway the the San Juan River.	y 160 in Pagosa Springs to	the Southern U	Ite Indian Re	eservation N	orthern boundary. Main	stem of Mill Creek from	the source to the
	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	Aluminum		
		Temperature °C	4/1 - 10/31	varies*				
	Recreation E		1/1 10/01	valles	varies* <sup>C</sup>	Arsenic	340	
	Recreation E Water Supply	Temperature C	111 10/01	Valles	varies* <sup>C</sup>	Arsenic Arsenic(T)		
Qualifiers:				acute	varies* <sup>C</sup> chronic		340	
Qualifiers: Other:		D.O. (mg/L)				Arsenic(T)	340	 0.02
Other:	Water Supply			acute	chronic	Arsenic(T) Beryllium	340 	 0.02 
Other: *chlorophyll a	Water Supply (mg/m <sup>2</sup> )(chronic) = applies only	D.O. (mg/L)		acute	chronic 6.0	Arsenic(T) Beryllium Cadmium	340   TVS(tr)	 0.02  TVS
Other: *chlorophyll a above the faci *Phosphorus(o	Water Supply (mg/m <sup>2</sup> )(chronic) = applies only lities listed at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning)		acute 	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS(tr) 5.0	 0.02  TVS 
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed	Water Supply (mg/m <sup>2</sup> )(chronic) = applies only lities listed at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH		acute  6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS(tr) 5.0 	 0.02  TVS  TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a	Water Supply (mg/m <sup>2</sup> )(chronic) = applies only lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10(31) = San Juan River and DM=26.2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )		acute  6.5 - 9.0	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply (mg/m <sup>2</sup> )(chronic) = applies only lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/l	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS TVS TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0  	<b>chronic</b> 6.0 7.0  150* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02 TVS  TVS  TVS TVS TVS WS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0   -) acute	chronic 6.0 7.0  150* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0    <b>acute</b> TVS	chronic           6.0           7.0              150*           126           chronic           TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS(tr) 5.0  50 TVS TVS   TVS	 0.02  TVS  TVS TVS TVS WS 1000
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron		acute  6.5 - 9.0     TVS 	chronic         6.0         7.0         150*         126         Chronic         TVS         0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 a Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride		acute  6.5 - 9.0     TVS 	chronic           6.0           7.0           150*           126           chronic           TVS           0.75           250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine		acute  6.5 - 9.0   acute T∨S  T∨S  0.019	chronic           6.0           7.0           150*           126           Chronic           TVS           0.75           250           0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide		acute  6.5 - 9.0    acute TVS  0.019 0.005	chronic         6.0         7.0         150*         126         Chronic         TVS         0.75         250         0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Mamonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		acute  6.5 - 9.0   acute TVS  0.019 0.005 10	chronic 6.0 7.0 150* 126 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute  6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10 0.05	Chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011   0.11*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 		acute  6.5 - 9.0   3    0.019 0.005 10 0.005 10 0.005  	Chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Other: *chlorophyll a above the faci *Phosphorus(i facilities listed *Temperature MWAT=21.4 <i>a</i> Mill Creek MW	Water Supply $(mg/m^2)(chronic) = applies only$ lities listed at 34.5(5). chronic) = applies only above the at 34.5(5). (4/1 - 10/31) = San Juan River and DM=26.2 VAT=21.1 and DM=27.8	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute  6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10 0.005 10	Chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011   0.11*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

6c Mainstem	of the San Juan River from the Southe					with Taylor Canyon		
	Classifications		al and Biologi		2 John Gene	rayior danyon.	Metals (ug/L)	
	Agriculture	,010		DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	26.4*	22.1* <sup>C</sup>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
••		D.O. (spawning)			7.0	Cadmium(T)	5.0	
	Indian Reservation	pH		6.5 - 9.0		Chromium III		TVS
*Temperature( assessment lo	(4/1 - 10/31) = See Section 34.6(6) for	chlorophyll a (mg/m <sup>2</sup> )				Chromium III(T)	50	
23363311611110		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
		, , , , , , , , , , , , , , , , , , ,				Copper	TVS	TVS
		Ir	organic (mg/l	1)		Iron		WS
			iorganic (ing/i	acute	chronic	lron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		0.05		Nickel(T)		100
						Selenium	TVS	TVS
		Phosphorus			WS	Silver	TVS	TVS(tr)
		Sulfate				Uranium		1 v 3(u)
		Sulfide			0.002	Zinc	TVS	TVS
6d Mainstem	of the San Juan River from the conflue	ence with Taylor Canvon t	to the confluen	ce with the F	Rio Blanco	Zinc	100	103
	Classifications		al and Biologi				Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	27.1*	22.5* <sup>C</sup>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
		D.O. (spawning)			7.0	Cadmium(T)	5.0	
	Indian Reservation	pН		6.5 - 9.0		Chromium III		TVS
*Temperature( assessment lo	(4/1 - 10/31) = See Section 34.6(6) for cations.	chlorophyll a (mg/m <sup>2</sup> )				Chromium III(T)	50	
		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
		Ir	norganic (mg/l	L)		Iron		WS
			0 (0	acute	chronic	lron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
						Lead(T)	50	
		Boron			0.75			
		Boron Chloride			0.75 250		TVS	TVS/WS
		Chloride			250	Manganese	TVS	
		Chloride Chlorine		 0.019				0.01(t)
		Chloride Chlorine Cyanide		 0.019 0.005	250 0.011 	Manganese Mercury Molybdenum(T)		0.01(t) 150
		Chloride Chlorine Cyanide Nitrate		 0.019 0.005 10	250 0.011 	Manganese Mercury Molybdenum(T) Nickel	  TVS	0.01(t) 150 TVS
		Chloride Chlorine Cyanide Nitrate Nitrite		 0.019 0.005 10 0.05	250 0.011  	Manganese Mercury Molybdenum(T) Nickel Nickel(T)	  TVS 	0.01(t) 150 TVS 100
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		 0.019 0.005 10 0.05 	250 0.011  	Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS  TVS	0.01(t) 150 TVS 100 TVS
		Chloride Chlorine Cyanide Nitrate Nitrite		 0.019 0.005 10 0.05	250 0.011  	Manganese Mercury Molybdenum(T) Nickel Nickel(T)	  TVS 	0.01(t) 150 TVS 100
		Chloride Chlorine Cyanide Nitrate Nitrite		 0.019 0.005 10 0.05	250 0.011  	Manganese Mercury Molybdenum(T) Nickel Nickel(T)	  TVS 	0.01(t) 150 TVS 100

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

0 11 1								
6e. Mainstem	of the San Juan River from the conflu Classifications	1	al and Biologi		Navajo Rivel	r.	Metals (ug/L)	
Designation	Agriculture	Filysic		DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		chronic
I CONCWADIC	Recreation E	Temperature °C	4/1 - 10/31	28.7*	23.5* <sup>C</sup>	Arsenic	340	
	Water Supply		4/1-10/31	20.7	20.0	Arsenic(T)	540	0.02
Qualifiers:				acute	chronic	Beryllium		0.02
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
other.		D.O. (spawning)			7.0	Cadmium(T)	5.0	
*Southern Ute	Indian Reservation	pH		6.5 - 9.0		Chromium III		TVS
*Temperature assessment lo	(4/1 - 10/31) = See Section 34.6(6) for	chlorophyll a (mg/m <sup>2</sup> )				Chromium III(T)	50	
assessmentio	cations.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
		2. con (por 100 m2)			.20	Copper	TVS	TVS
			norganic (mg/l	1)		Iron		ws
			norganic (ing/i	∟) acute	chronic	lron(T)		1000
		Ammonio		TVS	TVS	Lead	TVS	TVS
		Ammonia				Lead(T)	50	
		Boron			0.75	Manganese	TVS	TVS/WS
		Chloride			250	-		
		Chlorine		0.019	0.011	Mercury Melybdopum(T)		0.01(t) 150
		Cyanide		0.005		Molybdenum(T)	TVS	TVS
		Nitrate		10		Nickel		
		Nitrite		0.05		Nickel(T)	 TVS	100 TVS
		Phosphorus				Selenium		
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
6f Mainstom	of the San Juan River from the conflue	poo with the Neveie Biv	or to Navaio Po	convoir		Zinc	TVS	TVS
COSJSJ06F	Classifications	· ·	al and Biologi				Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E							
		Temperature °C	4/1 - 10/31	28.8*		Arsenic	340	
	Water Supply	Temperature °C	4/1 - 10/31	28.8*	24.2* <sup>C</sup>	Arsenic	340	0.02
Qualifiers:		Temperature °C	4/1 - 10/31	28.8*		Arsenic Arsenic(T)		
			4/1 - 10/31		24.2* <sup>C</sup>	Arsenic Arsenic(T) Beryllium		0.02
Qualifiers: Other:		D.O. (mg/L)	4/1 - 10/31	acute	24.2* <sup>C</sup> chronic	Arsenic Arsenic(T) Beryllium Cadmium	  TVS(tr)	0.02
Other:		D.O. (mg/L) D.O. (spawning)	4/1 - 10/31	acute 	24.2* <sup>C</sup> chronic 6.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)		0.02  TVS 
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH	4/1 - 10/31	acute	24.2* <sup>C</sup> chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0 	0.02  TVS  TVS
Other: *Southern Ute	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	4/1 - 10/31	acute  6.5 - 9.0	24.2* <sup>C</sup> chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	0.02  TVS  TVS 
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH	4/1 - 10/31	acute  6.5 - 9.0 	24.2* <sup>C</sup> chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	0.02  TVS  TVS  TVS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0 	24.2* <sup>C</sup> chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS  TVS TVS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	4/1 - 10/31	acute  6.5 - 9.0  L)	24.2* <sup>C</sup> chronic 6.0 7.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0   L) acute	24.2* <sup>C</sup> chronic 6.0 7.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		acute  6.5 - 9.0   L) acute TVS	24.2* <sup>C</sup> chronic 6.0 7.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS   TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron		acute  6.5 - 9.0  L) acute TVS 	24.2* <sup>C</sup> chronic 6.0 7.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) L. Coli (per 100 mL) Mmonia Boron Chloride		acute  6.5 - 9.0   L) acute TVS 	24.2* <sup>C</sup> chronic 6.0 7.0  126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine		acute  6.5 - 9.0   L) acute TVS  TVS  0.019	24.2* <sup>C</sup> chronic 6.0 7.0  126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide		acute  6.5 - 9.0   L) acute TVS  0.019 0.005	24.2* <sup>C</sup> chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS TVS 0.00 TVS 0.01(t) 150
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 		acute  6.5 - 9.0   L) acute TVS  0.019 0.005 10	24.2* <sup>C</sup> chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: *Southern Ute	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mirate Chlorine Cyanide Nitrate Nitrite		acute  6.5 - 9.0   L) acute T∨S  0.019 0.005 10 0.05	24.2* <sup>C</sup> chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  125 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Million Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute  6.5 - 9.0   L) acute TVS  0.019 0.005 10 0.05 10	24.2* <sup>C</sup> chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  125 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVSWS 0.01(t) 150 TVS 100 TVS
Other: *Southern Ute *Temperature	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chloride Cyanide Nitrate Nitrate Phosphorus Sulfate		acute  6.5 - 9.0   L) acute TVS  0.019 0.005 10 0.005 10	24.2* <sup>C</sup> 6.0 7.0  126  126  126  125  126  126  126  126  126  126  126  126  126  126 	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS(tr) 5.0 5.0 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS 0.01(t) 150 TVS
Other: *Southern Ute	Water Supply Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Million Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute  6.5 - 9.0   L) acute TVS  0.019 0.005 10 0.05 10	24.2* <sup>C</sup> chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  125 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVSWS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

7 Mainstom o	f the Die Plance, including all tributoric	es and wetlands, from the boundary of t	ha South Sa	n luon Wildo	rnoos Aros to bolow the	oonfluonoo with Looho (	Crook
COSJSJ07	Classifications	Physical and Biolog			Thess Area to below the	Metals (ug/L)	JIEEK.
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
outor.		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
		XI 7			Chromium III(T)	50	
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
		inci ganic (ing	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Guilde		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS(sc)
8. Navajo Res	ervoir. Echo Canyon Reservoir.						- ( )
COSJSJ08	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic			
				CHIONIC	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic Arsenic(T)	340	0.02
Qualifiers:		D.O. (mg/L) pH	 6.5 - 9.0				
Qualifiers: Other:				5.0	Arsenic(T)		0.02
Other:	Water Supply	pH	6.5 - 9.0	5.0 	Arsenic(T) Beryllium		0.02
Other: *chlorophyll a ( the facilities lis	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes	pH chlorophyll a (ug/L)	6.5 - 9.0  	5.0  20*	Arsenic(T) Beryllium Cadmium	  TVS	0.02  TVS
Other: *chlorophyll a ( the facilities lis and reservoirs	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area.	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0  	5.0  20*	Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS 5.0	0.02  TVS 
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0  /L)	5.0  20* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0 	0.02  TVS  TVS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg	6.5 - 9.0  /L) acute	5.0  20* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	0.02  TVS  TVS 
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia	6.5 - 9.0  /L) acute TVS	5.0  20* 126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	0.02  TVS  TVS  TVS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron	6.5 - 9.0  /L) acute TVS 	5.0  20* 126 <b>chronic</b> TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS 5.0  50 TVS TVS	0.02  TVS  TVS  TVS TVS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride	6.5 - 9.0  /L) acute TVS 	5.0  20* 126 <b>chronic</b> TVS 0.75 250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine	6.5 - 9.0  /L) acute TVS  0.019	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS 5.0  50 TVS TVS 	0.02  TVS  TVS TVS WS 1000
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  /L) acute TVS  0.019 0.005	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  /L) acute TVS  0.019 0.005 10	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS 
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate	6.5 - 9.0  /L) acute T∨S  0.019 0.005 10 0.5	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  /L) acute T\\S  0.019 0.005 10 0.5 	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011   0.083*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS TVS WS 1000 TVS TVSWS 0.01(t)
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	6.5 - 9.0  /L) acute TVS  0.019 0.005 10 0.05 10 0.5 	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011  0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS TVS/WS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	6.5 - 9.0  /L) acute TVS  0.019 0.005 10 0.05 10 0.5 	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011  0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	6.5 - 9.0  /L) acute TVS  0.019 0.005 10 0.5 10 0.5 	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011  0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 34.5(5), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 34.5(5), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	6.5 - 9.0  /L) acute TVS  0.019 0.005 10 0.5 10 0.5 	5.0  20* 126 <b>chronic</b> 7VS 0.75 250 0.011  0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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		g all tributaries and wetlands, from a point im	integratery below at				eservation
-	ept for specific listings in S	-					
	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
			0.019		Manganese	TVS	TVS/WS
		Cyanide			Mercury		0.01(t)
		Nitrate	10				
		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(tr)
					Uranium		
					Uranium Zinc	TVS	TVS(sc)
		g all tributaries and wetlands, from the bound	lary of the Southerr	n Ute Indian	Zinc	TVS	TVS(sc)
9b. Mainstem COSJSJ09B	of the Rio Blanco, including	g all tributaries and wetlands, from the bound Physical and I	-	n Ute Indian	Zinc Reservation to the confluer	TVS	TVS(sc)
	Classifications Agriculture		-	n Ute Indian MWAT	Zinc Reservation to the confluer	TVS nce with the San Juar	TVS(sc)
COSJSJ09B	Classifications Agriculture Aq Life Cold 1		Biological		Zinc Reservation to the confluer	TVS nce with the San Juar Metals (ug/L)	TVS(sc) n River.
COSJSJ09B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM	MWAT	Zinc Reservation to the confluen	TVS nce with the San Juar Metals (ug/L)	TVS(sc) n River. chronic
COSJSJ09B Designation	Classifications Agriculture Aq Life Cold 1	Physical and I	Biological DM CS-II	MWAT CS-II	Zinc Reservation to the confluen	TVS nce with the San Juan Metals (ug/L) acute 	TVS(sc) n River. chronic
COSJSJ09B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Zinc Reservation to the confluen I Aluminum Arsenic	TVS nce with the San Juan Metals (ug/L) acute  340	TVS(sc) n River. chronic 
COSJSJ09B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Zinc Reservation to the confluen Aluminum Arsenic Arsenic(T)	TVS nce with the San Juan Metals (ug/L) acute  340 	TVS(sc) n River. chronic 
COSJSJ09B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc Reservation to the confluen Aluminum Arsenic Arsenic(T) Beryllium	TVS nce with the San Juan Metals (ug/L) acute  340 	TVS(sc) n River.   0.02 
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS nce with the San Juan Metals (ug/L) acute  340  TVS(tr)	TVS(sc) n River. chronic  0.02  TVS
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	Zinc Reservation to the confluen Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS nce with the San Juan Metals (ug/L) acute  340  TVS(tr)	TVS(sc) n River. chronic  0.02  TVS 
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       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	Zinc Reservation to the confluen Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS nce with the San Juan Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS(sc)  n River.  chronic   0.02   TVS   TVS   TVS   TVS   TVS   TVS  TVS  TVS  TVS
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0  150 126	Zinc Reservation to the confluen Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS mce with the San Juan Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS(sc) n River. Chronic  0.02  TVS  TVS  TVS
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150 126 chronic	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	TVS mce with the San Juan Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	TVS(sc) n River. Chronic  0.02  TVS  TVS  TVS  TVS 
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150 126 26 chronic	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS nce with the San Juan Metals (ug/L)   340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia       Boron	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS nce with the San Juan Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS(sc) n River.  chronic  0.02  TVS  TVS  TVS  TVS  WS  1000
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS mce with the San Juan Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  150 126 chronic TVS 0.75 250 0.011	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS           Metals (ug/L)           acute              340              340              50           TVS           50           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS           50	TVS(sc)  I River.  Chronic  0.02  0.02  TVS  TVS  TVS  TVS  VS  1000  TVS  1000  TVS
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS           Metals (ug/L)           acute              340              340              50           TVS           50           TVS           50           TVS           50           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS              So           TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS         Metals (ug/L)         acute            340            340            TVS(r)         5.0         TVS(r)         5.0         TVS         50         TVS         S0         TVS         50         TVS         50         TVS         50         TVS         S0         TVS         S0 <tr tr="">        S0      <tr tr=""></tr></tr>	TVS(sc) n River.  chronic   chronic   chronic   chronic    trvs   TVS   TVS   TVS   TVS   TVS   TVS    TVS    TVS    TVS    TVS     TVS     TVS
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  150 126 126	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS           Metals (ug/L)           acute              340              340              50           TVS(r)           50           TVS           TVS           50           TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS           Metals (ug/L)           acute              340              340              TVS(r)           5.0              TVS(r)           5.0              TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         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  (mg/L) C (mg/L) acute TVS  0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0  150 126 126	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS           Metals (ug/L)           acute              340              340              50           TVS(r)           50           TVS           TVS           50           TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         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  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011   0.11	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS           Metals (ug/L)           acute              340              340              TVS(r)           5.0              TVS(r)           5.0              TVS	TVS(sc) n River.
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         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  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc Reservation to the confluen Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           Metals (ug/L)           acute              340              340              50           TVS(tr)           50           TVS           50           TVS           50           TVS           50           TVS           TVS	TVS(sc)           n River.           chronic              0.02              TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           0.01(t)           TVS           TVS/WS           0.01(t)           TVS           TVS <tr td="">     &lt;</tr>
COSJSJ09B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         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  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc Reservation to the confluent Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS           Metals (ug/L)           acute              340              340              340              340              340              340              50           TVS           50           TVS              50           TVS              50           TVS           50           TVS              TVS              TVS	TVS(sc) n River.

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

ro. mainotoini			itch to the confluence with	the Rio Blanco	o River.				
COSJSJ10	Classifications			al and Biologi				Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:			D.O. (spawning)			7.0	Beryllium		
Other:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
			E. Coli (per 100 mL)			126	Chromium III		TVS
							Chromium III(T)	50	
			I	norganic (mg/l	L)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			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(tr)
							Uranium		
							Zinc	TVS	TVS
	aries to the San Juar								
				mediately below	v the conflue	ence with For	urmile Creek to the Southe	ern Ute Indian Reserv	ation boundary
	specific listings in S		9a, 9b and 11c.			ence with For	urmile Creek to the Southe		ation boundary
COSJSJ11A	specific listings in S Classifications		9a, 9b and 11c.	mediately below	cal		urmile Creek to the Southe	Metals (ug/L)	
COSJSJ11A	specific listings in S		9a, 9b and 11c. Physic			MWAT			ation boundary chronic
COSJSJ11A Designation	specific listings in S Classifications Agriculture		9a, 9b and 11c.		cal DM	MWAT	Aluminum	Metals (ug/L) acute 	chronic
COSJSJ11A Designation	specific listings in S Classifications Agriculture Aq Life Warm 1	egments 6a, 6b,	9a, 9b and 11c. Physic Temperature °C		cal DM WS-II	<b>MWAT</b> WS-II	Aluminum Arsenic	Metals (ug/L) acute	chronic 
COSJSJ11A Designation	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E	5/1 - 10/31	9a, 9b and 11c. Physic Temperature °C D.O. (mg/L)		cal DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	<b>chronic</b>  0.02
COSJSJ11A Designation	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N	5/1 - 10/31	9a, 9b and 11c. Physic Temperature °C D.O. (mg/L) pH		cal DM WS-II acute 	MWAT WS-II chronic	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic  0.02 
COSJSJ11A Designation Reviewable	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N	5/1 - 10/31	9a, 9b and 11c. Physic Temperature °C D.O. (mg/L)		cal DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340 	<b>chronic</b>  0.02
COSJSJ11A Designation Reviewable Qualifiers: Other:	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply	5/1 - 10/31	9a, 9b and 11c.  Physic  Temperature °C  D.O. (mg/L)  pH chlorophyll a (mg/m <sup>2</sup> )	cal and Biologi	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr)	chronic  0.02  TVS 
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s):	5/1 - 10/31	9a, 9b and 11c.  Physic  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m <sup>2</sup> )  E. Coli (per 100 mL)	5/1 - 10/31	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c. Physic Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  	MWAT WS-II chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s):	5/1 - 10/31	9a, 9b and 11c. Physic Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/31	cal DM WS-II acute  6.5 - 9.0   	MWAT WS-II chronic 5.0  150 126 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS	chronic  0.02  TVS  TVS  TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.  Physic  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m <sup>2</sup> )  E. Coli (per 100 mL)  E. Coli (per 100 mL)  I	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0     L) acute	MWAT WS-II chronic 5.0  150 126 630 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  T√S(tr) 5.0  50 T√S T√S	chronic  0.02  TVS  TVS  TVS TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.  Physic  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m <sup>2</sup> )  E. Coli (per 100 mL)  E. Coli (per 100 mL)  I  Ammonia	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0     L) acute TVS	MWAT           WS-II           chronic           5.0              150           126           630           chronic           Chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	Chronic  0.02  TVS  TVS TVS TVS TVS WS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.  Physic  Temperature °C  D.O. (mg/L)  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	cal DM WS-II acute 6.5 - 9.0    L) acute TVS 	MWAT WS-II chronic 5.0  150 126 630 200 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS CTVS CTVS CTVS CTVS CTVS CT	chronic  0.02  TVS  TVS  TVS TVS S TVS WS 1000
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c. Physic Physic Temperature °C D.O. (mg/L) 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	cal DM WS-II acute 6.5 - 9.0      CV CV CV CV CV CV CV CV CV CV CV CV CV	MWAT WS-II chronic 5.0  150 126 630 260 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         Stop  <	chronic  0.02  TVS  TVS  TVS TVS TVS S WS 1000 TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c. Physic Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0   0.5 - 9.0        -	MWAT WS-II chronic 5.0 120 630 26 630 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)         acute            340            TVS(r)         5.0         TVS(r)         5.0         TVS         TVS         TVS         TVS         TVS         TVS         TVS         50         50         50         TVS         50	chronic  0.02  TVS  TVS  TVS  VVS  TVS  TVS  TVS 
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c. Physic Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0   0.5 - 9.0   0.019 0.005	MWAT WS-II chronic 5.0  150 126 630 260 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         Stop  <	Chronic
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.  Physic  Physic  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m <sup>2</sup> )  E. Coli (per 100 mL)  E. Coli (per 100 mL)  Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0   0.5  0.019 0.005 10	MWAT WS-II chronic 5.0  150 126 630 126 630 126 0.01 Chronic TVS 0.75 250 0.011  100 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         TVS         S0         TVS         50         TVS         S0         TVS         S0         S0         S0         S0         S0         S0         S0	Chronic
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Gamma         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    b.0 TVS  0.019 0.005 10 0.05	MWAT           WS-II           chronic           5.0           126           630           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)         acute            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS         TVS         50         TVS         TVS         TVS         50         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS            TVS            TVS            TVS	Chronic 0.02 TVS TVS TVS VS 1000 TVS TVS VS 0.01(t) 150
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    C D.0 TVS TVS 0.019 0.005 10 0.05 10	MWAT           WS-II           chronic           5.0           126           630           Chronic           700           126           630           0.011              0.011              0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS <td>Chronic</td>	Chronic
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Chloride         Chloride         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  0.5 - 9.0   0.01 0.019 0.005 10 0.005 10 0.05	MWAT           WS-II           chronic           5.0           126           630           126           630           Chronic           TVS           0.75           250           0.011              0.111           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         S0         TVS         TVS <td>chronic            0.02            TVS         1000         TVS         0.01(t)         150         TVS         1000</td>	chronic            0.02            TVS         1000         TVS         0.01(t)         150         TVS         1000
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    C D.0 TVS TVS 0.019 0.005 10 0.05 10	MWAT           WS-II           chronic           5.0           126           630           Chronic           700           126           630           0.011              0.011              0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(r)         5.0         TVS(r)         5.0         TVS         350         TVS	chronic            0.02            TVS         1000         TVS         0.01(t)         150         TVS         1000         TVS
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Chloride         Chloride         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  0.5 - 9.0   0.01 0.019 0.005 10 0.005 10 0.05	MWAT           WS-II           chronic           5.0           126           630           126           630           Chronic           TVS           0.75           250           0.011              0.111           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(r)         5.0            5.0            5.0            5.0            5.0            50	chronic            0.02            TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         0.01(t)         150         TVS         1000         TVS         TVS/WS         0.01(t)         TVS         100         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS(tr)
COSJSJ11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	specific listings in S Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Hodification(s): ic) = hybrid	5/1 - 10/31	9a, 9b and 11c.         Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Chloride         Chloride         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  0.5 - 9.0   0.01 0.019 0.005 10 0.005 10 0.05	MWAT           WS-II           chronic           5.0           126           630           126           630           Chronic           TVS           0.75           250           0.011              0.111           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(r)         5.0         TVS(r)         5.0         TVS         350         TVS	chronic            0.02            TVS         1000         TVS         0.01(t)         150         TVS         1000         TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

tr=trout sc=sculpin

11b. All tributa	aries to the San Juan	River, including w		rn Ute Indian R			the Colorado/New Mexico b	oorder except for the	specific listings
in Segments 6	6b, 9a and 9b. S		caggs Canyon, Sandoval	Canyon and ot	her unname		that flow directly into Navaj	o Reservoir.	
COSJSJ11B	Classifications		Physic	al and Biologi	cal		n	Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Arsenic(T)		0.02
a	Water Supply		рН		6.5 - 9.0		Beryllium		
Qualifiers:			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium	TVS	TVS
Other:			E. Coli (per 100 mL)	11/1 - 4/30		630	Cadmium(T)	5.0	
10 <i>II</i> III			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III	TVS	TVS
*Southern Ute	Indian Reservation						Chromium III(T)		100
			I I	norganic (mg/l	L)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			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		
							Zinc	TVS	TVS
11c. McCabe	Creek from the source	ce to the confluence	e with the San Juan Rive	er.					
COSJSJ11C	Classifications		Physic	al and Biologi	cal		l l	Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E		Temperature °C	4/1 - 10/31	25.1*	21.6* <sup>C</sup>	Arsenic	340	
	Water Supply						Arsenic(T)		0.02
Qualifiers:					acute	chronic	Beryllium		
Other:			D.O. (mg/L)			5.0	Cadmium	TVS	TVS
Temporary M	odification(s)		рН		6.5 - 9.0		Cadmium(T)	5.0	
Arsenic(chron	( )		chlorophyll a (mg/m <sup>2</sup> )			150	Chromium III		TVS
	te of 12/31/2021		E. Coli (per 100 mL)			126	Chromium III(T)	50	
*Tomporatura			I	norganic (mg/l	L)		Chromium VI	TVS	TVS
remperature	(A A = AO(OA) = O = AO(OA)								
assessment lo		Section 34.6(6) for			acute	chronic	Copper	TVS	TVS
assessment lo		Section 34.6(6) for	Ammonia		acute TVS	chronic TVS	Copper Iron	TVS 	TVS WS
assessment lo		Section 34.6(6) for	Ammonia		TVS	TVS	Iron		
assessment lo		Section 34.6(6) for	Ammonia Boron			TVS 0.75			WS
assessment lo		Section 34.6(6) for	Ammonia Boron Chloride		TVS 	TVS 0.75 250	Iron Iron(T) Lead		WS 1000
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine		TVS  0.019	TVS 0.75	Iron Iron(T) Lead Lead(T)	  TVS	WS 1000 TVS 
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide		TVS  0.019 0.005	TVS 0.75 250 0.011	Iron Iron(T) Lead	  TVS 50	WS 1000 TVS  TVS/WS
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate		TVS  0.019 0.005 10	TVS 0.75 250 0.011	Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS 50 TVS	WS 1000 TVS  TVS/WS 0.01(t)
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		TVS  0.019 0.005 10 0.05	TVS 0.75 250 0.011 	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 50 TVS 	WS 1000 TVS  TVS/WS 0.01(t) 150
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		TVS  0.019 0.005 10 0.05 	TVS 0.75 250 0.011   0.11	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS  TVS	WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate		TVS  0.019 0.005 10 0.05 	TVS 0.75 250 0.011  0.11 WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		TVS  0.019 0.005 10 0.05 	TVS 0.75 250 0.011   0.11	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate		TVS  0.019 0.005 10 0.05 	TVS 0.75 250 0.011  0.11 WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 50 TVS  TVS TVS TVS TVS	WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
assessment Ic		Section 34.6(6) for	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate		TVS  0.019 0.005 10 0.05 	TVS 0.75 250 0.011  0.11 WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

12. All tributar This segment	includes Covote Cre	eek from its sourc	e to the Colorado/New Me	exico border.					
COSJSJ12	Classifications			al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-III	WS-III	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Arsenic(T)		7.6
Qualifiers:			pH		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )			150	Beryllium(T)		100
			E. Coli (per 100 mL)	5/1 - 10/31		205	Cadmium	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III		TVS
							Chromium III(T)		100
				norganic (mg/L	_)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron(T)		1000
			Boron			0.75	Lead	TVS	TVS
			Chloride				Manganese	TVS	TVS
			Chlorine		0.019	0.011	Mercury		0.01(t)
			Cyanide		0.005		Molybdenum(T)		150
			Nitrate		100		Nickel	TVS	TVS
			Nitrite				Selenium	TVS	TVS
			Phosphorus			0.17	Silver	TVS	TVS
			Sulfate				Uranium		
			Sulfide			0.002	Zinc	TVS	TVS
						River, from th	e boundary of the South Sa /iew Lake Hidden Lake Do		
Colorado/New			tings in Segment 14. This		les Gardner	River, from th	/iew Lake, Hidden Lake, Do		
Colorado/New Lakes, and Sp	/ Mexico border, exc pence Reservoir.		tings in Segment 14. This	segment includ	les Gardner	River, from th	/iew Lake, Hidden Lake, Do	blomite Lake, Bull Elk	
Colorado/New Lakes, and Sp COSJSJ13	v Mexico border, exc bence Reservoir. Classifications		tings in Segment 14. This	segment includ	les Gardner	River, from th r Lake, Fall ∖	/iew Lake, Hidden Lake, Do	blomite Lake, Bull Elk Metals (ug/L)	Pond, Price
Colorado/New Lakes, and Sp COSJSJ13 Designation	v Mexico border, exc bence Reservoir. Classifications Agriculture		tings in Segment 14. This Physic	segment includ	les Gardner cal DM	River, from th r Lake, Fall V MWAT	/iew Lake, Hidden Lake, Do	blomite Lake, Bull Elk Metals (ug/L) acute	Pond, Price
Colorado/New Lakes, and Sp COSJSJ13 Designation	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1		tings in Segment 14. This Physic	segment includ	les Gardner cal DM CL	River, from th r Lake, Fall V MWAT CL	/iew Lake, Hidden Lake, Do	blomite Lake, Bull Elk Metals (ug/L) acute 	Pond, Price chronic 
Colorado/New Lakes, and Sp COSJSJ13 Designation	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E		tings in Segment 14. This Physic Temperature °C	segment includ	des Gardner cal DM CL acute	River, from th r Lake, Fall V MWAT CL chronic	View Lake, Hidden Lake, Do	Metals (ug/L) acute  340	Pond, Price chronic 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E		tings in Segment 14. This Physic Temperature °C D.O. (mg/L)	segment includ	les Gardner cal DM CL acute 	River, from th r Lake, Fall V MWAT CL chronic 6.0	View Lake, Hidden Lake, Do I Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	Pond, Price chronic 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other:	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	ept for specific lis	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	segment includ	les Gardner cal DM CL acute 	River, from th r Lake, Fall V MWAT CL Chronic 6.0 7.0	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340  	Pond, Price chronic  0.02 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a	y Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap	plies only to lake	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0	River, from th r Lake, Fall V MWAT CL Chronic 6.0 7.0 	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340  TVS(tr)	Pond, Price chronic 0.02 TVS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	segment includ	les Gardner cal DM CL acute  6.5 - 9.0 	River, from th Lake, Fall V MWAT CL Chronic 6.0 7.0  8*	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr)	Pond, Price chronic  0.02  TVS 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	segment includ	les Gardner cal DM CL acute  6.5 - 9.0  	River, from th Lake, Fall V MWAT CL Chronic 6.0 7.0  8*	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0 	Pond, Price chronic  0.02  TVS  TVS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	segment includ	les Gardner cal DM CL acute  6.5 - 9.0  	River, from th Lake, Fall V MWAT CL Chronic 6.0 7.0  8*	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	Pond, Price chronic  0.02  TVS  TVS 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	segment includ	les Gardner cal DM CL acute  6.5 - 9.0   	River, from th r Lake, Fall V MWAT CL Chronic 6.0 7.0  8* 126	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	Pond, Price chronic  0.02  TVS  TVS  TVS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	segment includ	les Gardner cal DM CL acute  6.5 - 9.0     	River, from th Lake, Fall V MWAT CL Chronic 6.0 7.0  8* 126 chronic	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	Pond, Price chronic  0.02  TVS  TVS  TVS TVS TVS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  TVS	River, from the Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0 7.0 8* 126 8* 126 Chronic TVS	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS           TVS           CUS           TVS	Pond, Price chronic  0.02  TVS  TVS  TVS  TVS WS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  TVS  TVS 	River, from the Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0 7.0 8* 126 8* 126 Chronic TVS 0.75	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L)         acute            340            TVS(tr)         5.0            500         TVS         TVS         Store	Pond, Price chronic  0.02  TVS  TVS TVS TVS WS 1000
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  TVS  TVS  	River, from the r Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0 7.0 7.0 8* 126 8* 126 Chronic TVS 0.75 250	View Lake, Hidden Lake, Do	Metals (ug/L)           acute              340              TVS(tr)           5.0              TVS(tr)           5.0           TVS	Pond, Price chronic  0.02  TVS  TVS  TVS WS 1000 TVS
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	segment includ	Aes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5 - 9.0    0.0 19	River, from th r Lake, Fall V MWAT CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)       acute          340          TVS(tr)       50       TVS       50       TVS       TVS       50	Pond, Price chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5 - 9.0  0.019 0.005	River, from the r Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011 	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)           acute              340              340              50           TVS(tr)           50           TVS           TVS           TVS           50           TVS	Pond, Price
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate	segment includ	Aes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10	River, from the r Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011 	View Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L)       acute          340          340          50       TVS(tr)       50       TVS       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS	Pond, Price chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS WS 0.01(t)
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10 0.05	River, from the r Lake, Fall V MWAT CL chronic 6.0 7.0 7.0  8* 126  8* 126  Chronic TVS 0.75 250 0.011  0.011 	/iew Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)       acute          340          340          50       TVS(tr)       50       TVS       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS       TVS       TVS       TVS       TVS       TVS       TVS	Pond, Price chronic   0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	segment includ	tes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10 0.05	River, from the r Lake, Fall V MWAT CL chronic 6.0 7.0  8* 126  126  0.75 250 0.011  0.025*	/iew Lake, Hidden Lake, Do ////////////////////////////////////	Metals (ug/L)       acute          340          340          50       TVS(tr)       50       TVS       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS       TVS       TVS       TVS       TVS       TVS       TVS	Pond, Price
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrite Phosphorus Sulfate	segment includ	Aes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.00 0.005 10 0.005 10 0.005  	River, from the r Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0 7.0 8* 126 8* 126 0.0 1.1 7VS 0.75 250 0.011  250 0.011  0.025* WS	/iew Lake, Hidden Lake, Do //iew Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)       acute          340          340          50       TVS(tr)       50       TVS       TVS       50       TVS       TVS       TVS       TVS                TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	Pond, Price
Colorado/New Lakes, and Sp COSJSJ13 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(/	v Mexico border, exc pence Reservoir. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = ap arger than 25 acre chronic) = applies on	uplies only to lakes s surface area. nly to lakes and	tings in Segment 14. This Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrite Phosphorus Sulfate	segment includ	Aes Gardner cal DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.00 0.005 10 0.005 10 0.005  	River, from the r Lake, Fall V MWAT CL Chronic 6.0 7.0 7.0 7.0 8* 126 8* 126 0.0 1.1 7VS 0.75 250 0.011  250 0.011  0.025* WS	/iew Lake, Hidden Lake, Do //iew Lake, Hidden Lake, Do Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)       acute          340          340          50       TVS(tr)       50       TVS       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS	Pond, Price

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

D.O. = dissolved oxygen

					from the Sa	an Juan-Char	ma diversions to the conf	luence with the San Jua	an River.
COSJSJ14	Classifications		1	cal and Biologi				Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:			pН		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (ug/L)			20*	Beryllium(T)		100
			E. Coli (per 100 mL)	5/1 - 10/31		205	Cadmium	TVS	TVS
	a (ug/L)(chronic) = appli s larger than 25 acres s		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III	TVS	TVS
*Phosphorus(	(chronic) = applies only	/ to lakes and					Chromium III(T)		100
reservoirs lar	ger than 25 acres surfa	ace area.		norganic (mg/L	_)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Manganese	TVS	TVS
			Chloride				Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum(T)		150
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		100		Selenium	TVS	TVS
			Nitrite				Silver	TVS	TVS
			Phosphorus			0.083*	Uranium		
			Sulfate				Zinc	TVS	TVS
			Sulfide			0.002			
15a. All lakes	and reservoirs which a	are tributary to th	e Rio Blanco, from the b	oundary of Sout	th San Juar	n Wilderness	Area to the Southern Ute	e Indian Reservation bo	undary. This
•	udes Harris Lake, Buck	les Lake, and Cr					1		
COSJSJ15A			Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture							,	
Daviaurahla			<b>T</b> 1 20		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
Reviewable	Aq Life Cold 1 Recreation E				CL acute	CL chronic	Arsenic	 340	
	Aq Life Cold 1		D.O. (mg/L)		CL acute 	CL chronic 6.0	Arsenic Arsenic(T)	 340 	  0.02
Qualifiers:	Aq Life Cold 1 Recreation E		D.O. (mg/L) D.O. (spawning)		CL acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	 340 	 0.02 
	Aq Life Cold 1 Recreation E		D.O. (mg/L) D.O. (spawning) pH		CL acute  6.5 - 9.0	CL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	 340  TVS(tr)	  0.02  TVS
Qualifiers: Other: *chlorophyll a	Aq Life Cold 1 Recreation E Water Supply		D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)		CL acute  6.5 - 9.0	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS(tr) 5.0	 0.02  TVS 
Qualifiers: Other: *chlorophyll a and reservoir:	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s	surface area.	D.O. (mg/L) D.O. (spawning) pH		CL acute  6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		CL acute  6.5 - 9.0 	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/L	CL acute  6.5 - 9.0  	CL chronic 6.0 7.0  8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/L	CL acute  6.5 - 9.0    	CL chronic 6.0 7.0  8* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS(tr) 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/L	CL acute  6.5 - 9.0    <b>acute</b> TVS	CL chronic 6.0 7.0  8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02 TVS  TVS  TVS TVS TVS S
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	norganic (mg/L	CL acute  6.5 - 9.0    acute TVS 	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS S S WS 1000
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	norganic (mg/L	CL acute  6.5 - 9.0    Acute TVS 	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS  TVS TVS TVS S
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	norganic (mg/L	CL acute  6.5 - 9.0   acute TVS  0.019	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50	 0.02  TVS TVS TVS TVS S TVS 1000 TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/L	CL acute  6.5 - 9.0    Acute TVS  0.019 0.005	CL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS S TVSWS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/L	CL acute  6.5 - 9.0   CUE CUE CUE CUE CUE CUE CUE CUE	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS 0.000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) 	norganic (mg/L	CL acute  6.5 - 9.0    x CO  0.019 0.005 10 0.05	CL chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011   	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chlorina Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/L	CL acute  6.5 - 9.0    Acute TVS  0.019 0.005 10 0.05 10	CL 6.0 7.0  8* 126 0.0 Chronic TVS 0.75 250 0.011  0.025*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	norganic (mg/L	CL acute  6.5 - 9.0     x C.) acute TVS  0.019 0.005 10 0.005 10 0.05 	CL chronic 6.0 7.0  8* 126  Chronic Chronic  0.075 250 0.011  0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS S S S S S S S S S S S S S S
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chlorina Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/L	CL acute  6.5 - 9.0    Acute TVS  0.019 0.005 10 0.05 10	CL 6.0 7.0  8* 126 0.0 Chronic TVS 0.75 250 0.011  0.025*	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0 5.0 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS	 0.02  TVS TVS TVS 3 1000 TVS 3 1000 TVS 3 1000 TVS 3 1000 TVS 3 1000 TVS 3 1000 TVS
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	Inorganic (mg/L	CL acute  6.5 - 9.0     x C.) acute TVS  0.019 0.005 10 0.005 10 0.05 	CL chronic 6.0 7.0  8* 126  Chronic Chronic  0.075 250 0.011  0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS   TVS        -	 0.02  TVS  TVS TVS WS 1000 TVS (0.01(t) 150 TVS 100 TVS 100 TVS TVS(tr)
Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = appli s larger than 25 acres s (chronic) = applies only	surface area. / to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	norganic (mg/L	CL acute  6.5 - 9.0     x C.) acute TVS  0.019 0.005 10 0.005 10 0.05 	CL chronic 6.0 7.0  8* 126  Chronic Chronic  0.075 250 0.011  0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0 5.0 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS.WS 0.01(t) 150 TVS 1000 TVS 1000 TVS TVS.WS 0.01(t) 150 TVS 100 1

D.O. = dissolved oxygen

sc=sculpin

	and reservoirs which are tributary to the	e Rio Blanco, from the boundary	/ of the Southern L	Ite Indian Res	servation to the confluence	with the San Juan Ri	ver.
COSJSJ15B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other: *Southern Ute Indian Reservation *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
		-	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	250	Lead(T)	50	
					Manganese	TVS	TVS/WS
		Cyanide	0.005				
		Nitrate	10		Mercury Melybdonum(T)		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
		1					
16 All lakes a	nd reservoirs which are tributary to the	San Juan River, Rio Blanco, an	d Navaio River and	d located with	Zinc in the Weminuche Wildern	TVS ess Area and South S	TVS San Juan
Wilderness Ar Lake.	and reservoirs which are tributary to the rea. This segment includes Archuleta La	ake, Spruce Lakes, Turkey Cree	ek Lake, Fourmile L		in the Weminuche Wildern ourmile Lake, Crater Lake,	ess Area and South S , Quartz Lake, Fish La	San Juan
Wilderness Ar Lake. COSJSJ16	rea. This segment includes Archuleta La		ek Lake, Fourmile L Biological	₋ake, Upper F	in the Weminuche Wildern ourmile Lake, Crater Lake,	ess Area and South S , Quartz Lake, Fish La Metals (ug/L)	San Juan ake, and Opal
Wilderness Ar Lake. COSJSJ16 Designation	rea. This segment includes Archuleta La Classifications Agriculture	ake, Spruce Lakes, Turkey Cree Physical and	ek Lake, Fourmile L Biological DM	ake, Upper F.	in the Weminuche Wildern ourmile Lake, Crater Lake,	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute	San Juan
Wilderness Ar Lake. COSJSJ16 Designation	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1	ake, Spruce Lakes, Turkey Cree	ek Lake, Fourmile L Biological DM CL	Lake, Upper F MWAT CL	in the Weminuche Wildern Fourmile Lake, Crater Lake,	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute 	San Juan ake, and Opal chronic 
Wilderness Ar Lake. COSJSJ16	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C	Biological DM CL acute	Ake, Upper F	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute	San Juan ake, and Opal chronic 
Wilderness Ar Lake. COSJSJ16 Designation OW	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute 	MWAT CL chronic 6.0	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340 	San Juan ake, and Opal chronic 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers:	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute 	Ake, Upper F	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340 	San Juan ake, and Opal chronic  0.02 
Wilderness Ar Lake. COSJSJ16 Designation OW	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute 	Ake, Upper F MWAT CL Chronic 6.0 7.0 	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340 	San Juan ake, and Opal chronic 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other:	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute 	Ake, Upper F MWAT CL Chronic 6.0 7.0	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340 	San Juan ake, and Opal chronic  0.02 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL CL  6.5 - 9.0	Ake, Upper F MWAT CL Chronic 6.0 7.0 	in the Weminuche Wildern Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr)	San Juan ake, and Opal chronic  0.02  TVS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL CL  6.5 - 9.0 	.ake, Upper F MWAT CL Chronic 6.0 7.0  8*	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0	San Juan ake, and Opal chronic  0.02  TVS 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL CL  6.5 - 9.0 	.ake, Upper F MWAT CL Chronic 6.0 7.0  8*	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0 	San Juan ake, and Opal chronic  0.02  TVS 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0  	.ake, Upper F MWAT CL Chronic 6.0 7.0  8*	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L)  340  TVS(tr) 5.0  50	San Juan ake, and Opal chronic  0.02  TVS  TVS 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ek Lake, Fourmile L Biological CL acute  6.5 - 9.0   ic (mg/L)	.ake, Upper P MWAT CL chronic 6.0 7.0  8* 126	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS 
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM CL acute  6.5 - 9.0  ic (mg/L) acute	.ake, Upper F MWAT CL chronic 6.0 7.0  8* 126 chronic	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS TVS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	ek Lake, Fourmile L Biological CL CL acute  6.5 - 9.0  ic (mg/L) acute T∨S	.ake, Upper F MWAT CL Chronic 6.0 7.0 7.0  8* 126 chronic TVS	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS TVS STVS WS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	ek Lake, Fourmile L Biological DM CL acute  6.5 - 9.0  ic (mg/L) acute TVS 	.ake, Upper F MWAT CL Chronic 6.0 7.0  8* 126 chronic TVS 0.75	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0 TVS 50 TVS TVS TVS 	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS S TVS WS WS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological           DM           CL           acute              6.5 - 9.0                 ic (mg/L)           acute           TVS                 0.019	Lake, Upper F MWAT CL Chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS TVS TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS TVS VS S VS 1000 TVS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological           DM           CL           acute              6.5 - 9.0              6.5 - 9.0              ic (mg/L)           acute           TVS              0.019           0.005	Lake, Upper F MWAT CL Chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011 	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS TVS TVS WS 1000 TVS S TVS
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological           DM           CL           acute              6.5 - 9.0              ic (mg/L)           acute           T/VS              0.019           0.005           10	Lake, Upper F MWAT CL chronic 6.0 7.0  8* 126 0.0 Chronic TVS 0.75 250 0.011  250 0.011	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological           DM           CL           acute              6.5 - 9.0              6.5 - 9.0              ic (mg/L)           acute           TVS              0.019           0.005           10           0.05	.ake, Upper F MWAT CL Chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011  250 0.011	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Calminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 10
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ek Lake, Fourmile L Biological DM CL acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	.ake, Upper F MWAT CL Chronic 6.0 7.0 7.0 4.126 0.75 250 0.011  250 0.011  0.025*	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS  TVS S 3 3 4 3 4 3 4 3 4 5 5 5 5 5 5 5 5 5 5 5
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ek Lake, Fourmile L Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05 	Lake, Upper F MWAT CL Chronic 6.0 7.0 7.0 8* 126 8* 126 0.01 Chronic 7 0.025* WS	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS TVS  TVS S 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ek Lake, Fourmile L Biological DM CL acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	.ake, Upper F MWAT CL Chronic 6.0 7.0 7.0 4.126 0.75 250 0.011  250 0.011  0.025*	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute acut	San Juan ake, and Opal chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  1000  1000   
Wilderness Ar Lake. COSJSJ16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d	rea. This segment includes Archuleta La Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	ake, Spruce Lakes, Turkey Cree Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ek Lake, Fourmile L Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05 	Lake, Upper F MWAT CL Chronic 6.0 7.0 7.0 8* 126 8* 126 0.01 Chronic 7 0.025* WS	in the Weminuche Wilderm Fourmile Lake, Crater Lake, Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	ess Area and South S Quartz Lake, Fish La Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	San Juan ake, and Opal chronic  0.02  TVS TVS  TVS S TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100

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

D.O. = dissolved oxygen

t = total

tr=trout sc=sculpin

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

Zinc

TVS

TVS

108

17 All Jakas -								
	nd reservoirs that are tributary to the nd the source (East Fork) to the conflu							
COSJSJ17	Classifications	1	cal and Biologi		on Lake, ne		Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CL	CL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Other:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)			8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.				126	Chromium III		TVS
*Phosphorus(	chronic) = applies only to lakes and					Chromium III(T)	50	
reservoirs larg	er than 25 acres surface area.		Inorganic (mg/	L)		Chromium VI	TVS	TVS
			inorganio (ing/	acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		WS
		Boron			0.75	lron(T)		1000
		Chloride			250	Lead	TVS	TVS
		Chlorine		0.019	250	Lead(T)	50	
		Cyanide		0.019		Manganese	TVS	TVS/WS
		Nitrate		10		Mercury		0.01(t)
								150
		Nitrite		0.05		Molybdenum(T) Nickel	 TVS	TVS
		Phosphorus			0.025*			
		Sulfate			WS	Nickel(T)		100 T) (O
		Sulfide			0.002	Selenium	TVS	TVS
1								
						Silver	TVS	TVS(tr)
						Uranium		
	and an an aire tributen to the Care by			4h a . a a safi . a sa		Uranium Zinc	 TVS	 TVS
	and reservoirs tributary to the San Ju specific listings in Segment 8.	an River from a point imm	nediately below	the confluer	nce with Fou	Uranium Zinc	 TVS	 TVS
		-	nediately below cal and Biologi		nce with Fou	Uranium Zinc	 TVS	 TVS
except for the	specific listings in Segment 8.	-			nce with Four	Uranium Zinc	 TVS ern Ute Indian Reserva	 TVS
except for the COSJSJ18A	specific listings in Segment 8. Classifications	-		ical		Uranium Zinc	 TVS ern Ute Indian Reserva Metals (ug/L)	TVS tion boundary,
except for the COSJSJ18A Designation	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31	Physi		ical DM	MWAT	Uranium Zinc rmile Creek to the South	 TVS ern Ute Indian Reserva Metals (ug/L)	TVS tion boundary,
except for the COSJSJ18A Designation	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1	Physi		ical DM WL	MWAT WL	Uranium Zinc mile Creek to the South Aluminum	 TVS ern Ute Indian Reserva Metals (ug/L) acute 	TVS tion boundary, chronic 
except for the COSJSJ18A Designation	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31	Physi Temperature °C		ical DM WL acute	MWAT WL chronic	Uranium Zinc rmile Creek to the South Aluminum Arsenic	 TVS ern Ute Indian Reserva Metals (ug/L) acute  340	TVS tion boundary, chronic 
except for the COSJSJ18A Designation Reviewable	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31	Physi Temperature °C D.O. (mg/L)		ical DM WL acute 	MWAT WL chronic 5.0	Uranium Zinc rmile Creek to the South Aluminum Arsenic Arsenic(T)	TVS ern Ute Indian Reserva Metals (ug/L) acute  340 	TVS tion boundary, chronic  7.6
except for the COSJSJ18A Designation Reviewable Qualifiers: Other:	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31 Recreation N 11/1 - 4/30	Physi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		ical DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Uranium Zinc mile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium	TVS ern Ute Indian Reserva Metals (ug/L) acute 340	TVS tion boundary, chronic  7.6 
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31 Recreation N 11/1 - 4/30 (ug/L)(chronic) = applies only to lakes	Physi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	ical DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20*	Uranium Zinc mile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS ern Ute Indian Reserva Metals (ug/L) acute 340 TVS(tr)	TVS tion boundary, chronic  7.6  TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (ug/L)       E. Coli (per 100 mL)	cal and Biologi 5/1 - 10/31	ical DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20* 126	Uranium Zinc Trile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS ern Ute Indian Reserva Metals (ug/L) acute  340  TVS(tr) TVS	TVS tion boundary, chronic  7.6  TVS TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8. Classifications Agriculture Aq Life Warm 1 Recreation E 5/1 - 10/31 Recreation N 11/1 - 4/30 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	cal and Biologi 5/1 - 10/31	ical DM WL acute 6.5 - 9.0  	MWAT WL chronic 5.0  20* 126	Uranium Zinc Trile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	TVS ern Ute Indian Reserva Metals (ug/L) acute  340  TVS(tr) TVS	TVS tion boundary, chronic  7.6  TVS TVS TVS 100
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0  	MWAT WL chronic 5.0  20* 126	Uranium Zinc mile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	 TVS ern Ute Indian Reserva Metals (ug/L)  340  340  TVS(tr) TVS  TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0   	MWAT WL Chronic 5.0  20* 126 630	Uranium Zinc Trile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper	 TVS ern Ute Indian Reserva Metals (ug/L) acute  340  TVS(tr) TVS TVS  TVS TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0    L) acute	MWAT WL chronic 5.0  20* 126 630 chronic	Uranium Zinc Trile Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T)	 TVS ern Ute Indian Reserva Metals (ug/L)  340  TVS(tr) TVS  TVS TVS  TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Ammonia	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0   L) acute TVS	MWAT WL chronic 5.0  20* 126 630 630 chronic	Uranium Zinc Zinc Inc Creek to the South Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Chormium III Chromium III Chromium III Chromium III Chromium III Chormium VI Copper Iron(T) Lead	 TVS ern Ute Indian Reserva Metals (ug/L)  340  340  TVS(tr) TVS TVS  TVS TVS TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Ammonia         Boron	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0   C 	MWAT WL chronic 5.0  20* 126 630 630 chronic TVS 0.75	Uranium Zinc Zinc Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese	 TVS ern Ute Indian Reserva Metals (ug/L)   340   TVS(tr)  TVS TVS TVS TVS TVS TVS TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0   C.  C. C. C. C. C. C. C. C. C. C. C. C. C.	MWAT WL chronic 5.0  20* 126 630  630  Chronic TVS 0.75 	Uranium Zinc Zinc Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	 TVS ern Ute Indian Reserva Metals (ug/L) acute  340  340  TVS(tr) TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS   	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0  6.5 - 9.0   U U TVS TVS  0.019	MWAT WL chronic 5.0  20* 126 630 630 Chronic TVS 0.75  0.011	Uranium Zinc Tinc Creek to the South Auminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	 TVS ern Ute Indian Reserva Metals (ug/L) acute  340  340  TVS(tr) TVS  TVS TVS  TVS  TVS  TVS  TVS  TVS   	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0  ( 0.0 D 0.005 100	MWAT WL chronic 5.0  20* 126 630 (chronic TVS 0.75  0.011 	Uranium Zinc Zinc Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS ern Ute Indian Reserva  Metals (ug/L)  acute  340  340  1VS(tr)  TVS  TVS	TVS tion boundary, chronic  7.6  TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0  6.5 - 9.0  C  C C C C C C C C C C C C C	MWAT WL chronic 5.0  20* 126 630 : 126 630 : 0.0	Uranium Zinc Zinc Ite Creek to the South Creek to the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS ern Ute Indian Reserva  Metals (ug/L)  acute  340  340  TVS(tr) TVS  TVS  TVS  TVS  TVS  TVS  TVS	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
except for the COSJSJ18A Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	specific listings in Segment 8.  Classifications  Agriculture  Aq Life Warm 1  Recreation E 5/1 - 10/31  Recreation N 11/1 - 4/30  (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	<b>cal and Biologi</b> 5/1 - 10/31 11/1 - 4/30	ical DM WL acute 6.5 - 9.0   0.0 X 0.019 0.005 100 0.05	MWAT           WL           chronic           5.0              20*           126           630              0.011	Uranium Zinc Zinc Creek to the South Creek to the South Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	TVS ern Ute Indian Reservation  Metals (ug/L)  Current Cu	TVS tion boundary, chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000

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

D.O. = dissolved oxygen

sc=sculpin

COSJSJ18B	in Segment 8.		Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WL	WL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Arsenic(T)		7.6
Qualifiers:			рН		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (ug/L)			20*	Cadmium	TVS(tr)	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III	TVS	TVS
	e Indian Reservation		E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III(T)		100
	(ug/L)(chronic) = ap s larger than 25 acre						Chromium VI	TVS	TVS
Phosphorus(	chronic) = applies or	nly to lakes and		norganic (mg/l	L)		Copper	TVS	TVS
eservoirs larg	ger than 25 acres su	rface area.			acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum(T)		150
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS(tr)
			Nitrite		0.05		Uranium		
			Phosphorus			0.083*	Zinc	TVS	TVS
			Sulfate						
	and reservoirs in Arc	huleta County whic	Sulfide	luan Piver ex		0.002	in Segment 18b. All lakes	and reservoirs which	are tributary
	and reservoirs in Arc from its source to th Classifications		ch are tributary to the Sar lexico border.	n Juan River, ex cal and Biologi	cept for spe		in Segment 18b. All lakes	and reservoirs which a	are tributary
Coyote Creek	from its source to th		ch are tributary to the Sar lexico border.		cept for spe		-		
Coyote Creek	from its source to the Classifications		ch are tributary to the Sar lexico border.		ccept for spe	ecific listings	-	Metals (ug/L)	chronic
Coyote Creek	from its source to the Classifications		h are tributary to the San lexico border. Physic		ccept for spe ical DM	ecific listings		Metals (ug/L) acute	chronic
Coyote Creek	from its source to the classifications Agriculture Aq Life Warm 2	ne Colorado/Ñew M	h are tributary to the San lexico border. Physic		ical DM WL	MWAT WL	Aluminum	Metals (ug/L) acute 	chronic
Coyote Creek COSJSJ19 Designation Reviewable	from its source to the Classifications Agriculture Aq Life Warm 2 Recreation N	ne Colorado/Ñew M	h are tributary to the Sar fexico border. Physic Temperature °C		ical DM WL acute	MWAT WL chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic
Coyote Creek	from its source to th <b>Classifications</b> Agriculture Aq Life Warm 2 Recreation N Recreation P	ne Colorado/Ñew M	h are tributary to the Sar lexico border. Physic Temperature °C D.O. (mg/L)		ical DM WL acute 	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic  7.6
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio	from its source to th <b>Classifications</b> Agriculture Aq Life Warm 2 Recreation N Recreation P	ne Colorado/Ñew M	h are tributary to the Sar lexico border. Physic Temperature °C D.O. (mg/L) pH		ccept for spe ical DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	<b>chronic</b>  7.6  100
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other:	from its source to the Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	ne Colorado/Ñew M 11/1 - 4/30 5/1 - 10/31	h are tributary to the San fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	cal and Biologi	ccept for spe ical DM WL acute  6.5 - 9.0 	MWAT WL chronic 5.0  20*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T)	Metals (ug/L) acute  340  	chronic  7.6 
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other:	from its source to th <b>Classifications</b> Agriculture Aq Life Warm 2 Recreation N Recreation P	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi 11/1 - 4/30	ccept for spe ical DM WL acute  6.5 - 9.0 	MWAT WL chronic 5.0  20* 630	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium	Metals (ug/L) acute  340   TVS	chronic  7.6  100 TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Dther: Chlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)	cal and Biologi 11/1 - 4/30	ccept for spe ical DM WL acute 6.5 - 9.0  	MWAT WL chronic 5.0  20* 630	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III	Metals (ug/L) acute  340   TVS 	chronic  7.6  100 TVS TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: ichlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	ccept for spe ical DM WL acute 6.5 - 9.0  	MWAT WL chronic 5.0  20* 630	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute  340   TVS  100	chronic  7.6  100 TVS TVS  TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: ichlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	ccept for spe ical DM WL acute  6.5 - 9.0   L)	MWAT WL Chronic 5.0  20* 630 205	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute  340   TVS  100 TVS	chronic  7.6  100 TVS TVS  TVS TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: ichlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physia Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	ccept for spe ical DM WL acute 6.5 - 9.0    L) acute	MWAT WL chronic 5.0  20* 630 205 205	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340   TVS  100 TVS TVS TVS	chronic  7.6  100 TVS TVS  TVS TVS TVS 1000
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: chlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	ccept for spe ical DM WL acute  6.5 - 9.0    L) acute TVS	MWAT WL chronic 5.0  20* 630 205 205 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Metals (ug/L) acute  340   TVS  100 TVS TVS TVS	chronia  7.6  100 TVS TVS TVS TVS TVS 1000 TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: chlorophyll a ind reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron	11/1 - 4/30 5/1 - 10/31	ical         DM         WL         acute            6.5 - 9.0   L)         acute         TVS	MWAT WL chronic 5.0  20* 630 205 205 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead	Metals (ug/L) acute  340   TVS 100 TVS TVS  TVS	chronia  7.6  100 TVS TVS TVS 1000 TVS 1000 TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Tish Ingestio Dther: chlorophyll a ind reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chloride	11/1 - 4/30 5/1 - 10/31	ccept for spe ical DM WL acute 6.5 - 9.0   C  L) acute TVS  TVS	MWAT           WL           chronic           5.0              20*           630           205           chronic           7VS           0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	Metals (ug/L) acute  340   TVS 100 TVS TVS TVS  TVS TVS	chronic  7.6  100 TVS TVS TVS 1000 TVS 1000 TVS 0.01(t)
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: chlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride Chlorine	11/1 - 4/30 5/1 - 10/31	ical         DM         WL         acute            6.5 - 9.0   0.019	ecific listings  MWAT  WL  chronic  5.0   20*  630  205  chronic  TVS  0.75   0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	Metals (ug/L) acute  340   TVS  100 TVS TVS TVS  TVS TVS 	chronic  7.6  100 TVS TVS TVS 1000 TVS 1000 TVS 0.01(t) 150
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: ichlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physia Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	11/1 - 4/30 5/1 - 10/31	iccept for species         iccal         DM         WL         acute         6.5 - 9.0            6.5 - 9.0                                 0.019         0.005	Chronic 5.0 20* 630 205 0.011 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340   TVS  100 TVS TVS TVS TVS TVS TVS	chronic  7.6  100 TVS TVS TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Other: chlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Gamma Ammonia Boron Chloride Chlorine Cyanide Nitrate	11/1 - 4/30 5/1 - 10/31	ical         DM         WL         acute            6.5 - 9.0            0.5 - 9.0            0.0         TVS            0.019         0.005         100	ecific listings  MWAT  WL  chronic  5.0   20*  630  205  chronic  TVS  0.75   0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)         acute            340                  TVS         100         TVS         TVS         TVS         TVS         TVS            TVS            TVS	chronia  7.6  100 TVS TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Coyote Creek COSJSJ19 Designation Reviewable Qualifiers: Fish Ingestio Dther: Chlorophyll a and reservoirs Phosphorus(	from its source to th Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P (ug/L)(chronic) = ap s larger than 25 acree chronic) = applies on	ne Colorado/New M 11/1 - 4/30 5/1 - 10/31 pplies only to lakes is surface area. nly to lakes and	h are tributary to the Sar fexico border. Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Grande Chloride Chloride Chlorine Cyanide Nitrate Nitrite	11/1 - 4/30 5/1 - 10/31	ical         DM         WL         acute            6.5 - 9.0            6.5 - 9.0            0.5 - 9.0            0.0            0.019         0.005         100	ecific listings  MWAT  WL  chronic  5.0   20*  630  205  chronic  TVS  0.75   0.011       -	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	Metals (ug/L)         acute            340            340            TVS         100         TVS	chronic  7.6  100 TVS TVS 

D.O. = dissolved oxygen

						Area			
COSJPI01	Classifications		etlands, which are within the Physic	al and Biologi				Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
OW	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:			D.O. (spawning)			7.0	Beryllium		
Other:			pН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	Indification(s):		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
Arsenic(chron			E. Coli (per 100 mL)			126	Chromium III		TVS
-	te of 12/31/2021						Chromium III(T)	50	
			I	norganic (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		0.01(t)
			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(tr)
							Uranium		
							Zinc	TVS	TVS
2a. East Fork	Piedra River and M	iddle Eark Piedra	River including all tributar	rice and wotland	de from the	و بسمام سب مط	the Wamipushe Wilder		معاف مانا المانين
	he Piedra River exc	ent for the specifi	c listing in Segment 3	les and welland	us, nom me	boundary of		ness Area to the coniit	ience with the
COSJPI02A	he Piedra River, exc Classifications	ept for the specifi	c listing in Segment 3.	cal and Biologi		boundary of		Metals (ug/L)	ience with the
		ept for the specifi	c listing in Segment 3.			MWAT			chronic
COSJPI02A	Classifications	ept for the specifi	c listing in Segment 3.		ical		Aluminum	Metals (ug/L)	
COSJPI02A Designation	Classifications Agriculture	4/1 - 10/31	c listing in Segment 3. Physic		ical DM	MWAT		Metals (ug/L)	chronic
COSJPI02A Designation	Classifications Agriculture Aq Life Cold 1	ept for the specifi	c listing in Segment 3. Physic		ical DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute 	chronic
COSJPI02A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C		ical DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSJPI02A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C D.O. (mg/L)		ical DM CS-I acute 	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	<b>chronic</b>   0.02
COSJPI02A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C D.O. (mg/L) D.O. (spawning)		ical DM CS-I acute 	<b>MWAT</b> CS-I <b>chronic</b> 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic   0.02 
COSJPI02A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH		ical DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L)  340  TVS(tr)	chronic  0.02  TVS
COSJPI02A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	cal and Biologi	ical DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L)  340  TVS(tr)	chronic  0.02  TVS 
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	cal and Biologi 4/1 - 10/31	ical DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS  TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-1 acute  6.5 - 9.0   L)	MWAT CS-I chronic 6.0 7.0  150 126 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340  TVS(tr) 5.0 50 TVS	chronic  0.02  TVS  TVS  TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-1 acute  6.5 - 9.0   L) acute	MWAT CS-I chronic 6.0 7.0 7.0 150 126 630 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  T√S(tr) 5.0 50 T√S T√S	chronic  0.02  TVS  TVS  TVS  TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-1 acute  6.5 - 9.0    L) acute TVS	MWAT CS-I chronic 6.0 7.0 7.0 150 126 630 26 630 Chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340  TVS(tr) 5.0 50 50 TVS TVS	chronic              0.02              TVS              TVS              TVS              WS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  CD CD CD CD CS-I Acute CS-I CS-I CS-I Acute CS-I CS-I Acute  CS-I  CS-I   CS-I   CS-I   CS-I   CS-I  CS-I   CS-I   CS-I   CS-I   CS-I   CS-I   CS-I       	MWAT CS-I chronic 6.0 7.0  150 126 630 126 630 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0 5.0 TVS 50 TVS 50  50  50  50  50  50  	chronic  0.02  TVS  TVS  TVS TVS SVS WS 1000
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3. Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CU TVS  TVS  	MWAT CS-I chronic 6.0 7.0  150 126 630 126 630 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)           acute	chronic  0.02  TVS  TVS  TVS TVS SVS WS 1000
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CU TVS  TVS  0.019	MWAT CS-I chronic 6.0 7.0 126 630 126 630 126 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)           acute              340              TVS(tr)           50           TVS	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic Comparison of the segment o	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CU 0.01 0.005	MWAT CS-I chronic 6.0 7.0  150 126 630 126 630 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)           acute           340              340              TVS(tr)           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS	chronic  0.02  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  (  C C C C C C C C C C C C C	MWAT CS-I chronic 6.0 7.0 150 126 630 126 630 126 0.01 126 126 0.01 126 0.011  150 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L)           acute           340              340              TVS(tr)           5.0           TVS           50           TVS           S0           TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH Chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  0.5  0.01 0.019 0.005 10 0.05	MWAT CS-I chronic 6.0 7.0 126 630 126 630 126 0.01 126 0.01 126 0.01 126 0.01 0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS           S0           TVS           S0           TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S S S S S S S S S S S S S S S S S S
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic Citeratory of the segment 3.  Physic Physic D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH Chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Chlorophyll Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  0.01 0.00 0.005 10 0.005 10 0.05	MWAT           CS-I           chronic           6.0           7.0           126           630           126           630           7.0           126           630           0.126           0.011              0.11           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)           acute           a           b           a           a           a           a           a           a           b           b           a           a           a           a           a           a           a           a           a           a           a           a           a           a           a <tr tr=""></tr>	chronic  0.02  TVS  TVS S  TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) C. (clorine Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute   6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.005 10 0.05  	MWAT           CS-I           chronic           6.0           7.0           150           126           630           126           630           126           630           0.126           0.01           0.75           250           0.011                 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)           acute           a           b           a           a           a           a           a           a           b           a           a           a           a           a           a           a           a           a           a           a           a           a           a           a           a </td <td>chronic              0.02              TVS           1000           TVS           0.01(t)           150           TVS           100</td>	chronic              0.02              TVS           1000           TVS           0.01(t)           150           TVS           100
COSJPI02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid	ept for the specifi 4/1 - 10/31	c listing in Segment 3.  Physic Physic D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) C. (clorine Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	2al and Biologi 4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute   6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.005 10 0.05  	MWAT           CS-I           chronic           6.0           7.0           126           630           126           630           7.0           126           630           0.126           0.011              0.11           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute           a           b           a <tr tr=""></tr>	chronic              0.02              TVS           1000           TVS           0.01(t)           150           TVS           100           TVS           100           TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

ZD. Mainston	of the Piedra River f	from the confluen	ce with the East and Middl	le Forks to the	confluence y	with Indian C	rook		
COSJPI02B	Classifications		1	al and Biologi			ieek.	Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	4/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 3/31	D.O. (mg/L)			6.0	Arsenic(T)		0.02
	Water Supply		D.O. (spawning)			7.0	Beryllium		
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
			E. Coli (per 100 mL)	4/1 - 10/31		126	Chromium III		TVS
			E. Coli (per 100 mL)	11/1 - 3/31		630	Chromium III(T)	50	
			i	norganic (mg/	L)		Chromium VI	TVS	TVS
				0 . 0	acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			Nitrite		0.05		Molybdenum(T)		150
			Phosphorus			0.11	Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
			Suilde			0.002	Silver	TVS	TVS(tr)
							Uranium		
							Zinc	TVS	TVS(sc)
2 Mainator									
<ol> <li>iviainstem c</li> </ol>	of the East Fork of th	e Piedra River fro	om the Piedra Falls Ditch to	o the confluenc	e with Pago	sa Creek.			
3. Mainstem c COSJPI03	of the East Fork of th Classifications	e Piedra River fro		o the confluenc al and Biologi		sa Creek.		Metals (ug/L)	
		e Piedra River fro				sa Creek. MWAT		Metals (ug/L) acute	chronic
COSJPI03	Classifications	e Piedra River fro			cal		Aluminum		chronic 
COSJPI03 Designation	Classifications Agriculture	e Piedra River fro 4/1 - 10/31	Physic		cal DM	MWAT	Aluminum Arsenic	acute	chronic 
COSJPI03 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N		Physic		CS-I	MWAT CS-I		acute	
COSJPI03 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	4/1 - 10/31	Physic Temperature °C		Cal DM CS-I acute	MWAT CS-I chronic	Arsenic	acute  340	
COSJPI03 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L)		Cal DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
COSJPI03 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Temperature °C D.O. (mg/L) D.O. (spawning)		CS-I acute 	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Temperature °C D.O. (mg/L) D.O. (spawning) pH		cal DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	al and Biologi	cal DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi	cal DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-1 acute  6.5 - 9.0    L)	MWAT CS-I chronic 6.0 7.0  150 630 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS(tr) 5.0 50 TVS	 0.02  TVS  TVS  TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   L) acute	MWAT CS-I chronic 6.0 7.0  150 630 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 630 126 0 200 Chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-1 acute  6.5 - 9.0   L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 630 126 0 26 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   L) acute TVS  TVS 	MWAT CS-I chronic 6.0 7.0  150 630 126 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS(tr) 5.0  50 TVS TVS TVS   TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   L) acute TVS  TVS  0.019	MWAT CS-I chronic 6.0 7.0  150 630 126 030 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mamonia         Boron         Chloride         Chlorine         Cyanide	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   L) acute TVS  US  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 630 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   C C C C C C C C C C C C C C C	MWAT CS-I chronic 6.0 7.0  150 630 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS S TVS/WS 0.01(t)
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0   CO CS CS CS CS CS CS CS CS CS CS	MWAT CS-I chronic 6.0 7.0  150 630 126 30 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CO  CO CO CO CO CO CO CO CO CO CO	MWAT CS-I chronic 6.0 7.0  150 630 126 126 Chronic TVS 0.75 250 0.011   0.11	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CO  CO CO CO CO CO CO CO CO CO CO	MWAT CS-I chronic 6.0 7.0 150 630 126 126 Chronic TVS 0.75 250 0.011  0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
COSJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi 11/1 - 3/31 4/1 - 10/31	cal DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CO  CO CO CO CO CO CO CO CO CO CO	MWAT CS-I chronic 6.0 7.0 150 630 126 126 Chronic TVS 0.75 250 0.011  0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen

		liately below the confluen	ce with Indian	Creek to the	e Southern II	te Indian Reservation bou	ndary. Devil Creek fro	om Dunagan
-	confluence with the Piedra River.							Jin Danagan
COSJPI04A	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
-	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	varies*	varies* <sup>C</sup>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
+		D.O. (spawning)			7.0	Cadmium(T)	5.0	
MWAT=20.7 a	4/1 - 10/31) = Piedra River nd DM=26.5	pН		6.5 - 9.0		Chromium III		TVS
	WAT=19.9 and DM=26.5	chlorophyll a (mg/m <sup>2</sup> )			150	Chromium III(T)	50	
See Section 34	4.6(6) for assessment locations.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
		Ir	organic (mg/l	L)		Iron		WS
				acute	chronic	lron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury		0.01(t)
						Molybdenum(T)		150
		Cyanide		0.005		,	TVS	TVS
		Nitrate		10		Nickel		
		Nitrite		0.05		Nickel(T)		100
		Phosphorus			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
						Zinc	TVS	TVS(sc)
	of the Piedra River from the Southern				he confluence	e with Stollsteimer Creek.		
COSJPI04B	Classifications	Physic	al and Biologi				Metals (ug/L)	
Designation	Agriculture			DM				
Reviewable				Din	MWAT		acute	chronic
	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum	acute 	chronic 
	Recreation E	Temperature °C Temperature °C	11/1 - 3/31 4/1 - 10/31			Aluminum Arsenic		chronic 
		•		CS-II	CS-II			
Qualifiers:	Recreation E	•		CS-II	CS-II	Arsenic	 340	
Qualifiers: Other:	Recreation E	•		CS-II 28.8*	CS-II 22.8* <sup>C</sup>	Arsenic Arsenic(T)	 340 	
Other:	Recreation E Water Supply	Temperature °C		CS-II 28.8* acute	CS-II 22.8* <sup>C</sup> chronic	Arsenic Arsenic(T) Beryllium	 340 	 0.02 
Other: Temporary Me	Recreation E Water Supply	Temperature °C D.O. (mg/L)		CS-II 28.8* acute	CS-II 22.8* <sup>C</sup> chronic 6.0	Arsenic Arsenic(T) Beryllium Cadmium	 340  TVS(tr)	 0.02  TVS
Other: Temporary Me Arsenic(chroni	Recreation E Water Supply odification(s): c) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning)		CS-II 28.8* acute 	CS-II 22.8* <sup>C</sup> chronic 6.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS(tr)	 0.02  TVS 
Other: Temporary Me Arsenic(chroni Expiration Dat	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH		CS-II 28.8* acute  6.5 - 9.0	CS-II 22.8* C Chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS(tr) 5.0 	 0.02  TVS  TVS
Other: Temporary Me Arsenic(chroni Expiration Dat *Southern Ute	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )		CS-II 28.8* acute  6.5 - 9.0 	CS-II 22.8* <sup>C</sup> chronic 6.0 7.0  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Other: Temporary Me Arsenic(chroni Expiration Dat *Southern Ute	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	4/1 - 10/31	CS-II 28.8* <b>acute</b>  6.5 - 9.0 	CS-II 22.8* <sup>C</sup> chronic 6.0 7.0  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		CS-II 28.8* acute  6.5 - 9.0  	CS-II 22.8* <sup>C</sup> chronic 6.0 7.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   L) acute	CS-II 22.8* <sup>C</sup> chronic 6.0 7.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   L) acute TVS	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   C  L) acute TVS 	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   C CV CVS TVS  TVS	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   L) acute TVS  TVS  0.019	CS-II 22.8+ C 6.0 7.0  126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t)
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0       0.019 0.005	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Cyanide Nitrate	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   0.019 0.005 10	CS-II 22.8+ C 6.0 7.0  126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0       0.019 0.005	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS(tr) 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS 3 TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Cyanide Nitrate	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   0.019 0.005 10	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0   0.019 0.005 10 0.05	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS(tr) 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS 3 TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Other: Temporary Mi Arsenic(chroni Expiration Dat *Southern Ute *Temperature(	Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (4/1 - 10/31) = See Section 34.6(6) for	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	4/1 - 10/31	CS-II 28.8* acute  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.05 10	CS-II 22.8* <sup>C</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011   	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

- t = total tr=trout
- sc=sculpin

D.O. = dissolved oxygen

4c. Mainstem	of the Division Division	and a second of the	the second second second second	atalma - C	An Marian E				
COSJPI04C	of the Piedra River fro	om a point above	the confluence with Stoll			eservoir.		Motals (us/L)	
			Physic	al and Biologi				Metals (ug/L)	
Designation Reviewable	Agriculture Ag Life Cold 1		Tomporatura °C	11/1 2/21	DM	MWAT	Aluminum	acute	chronic
Reviewable	Recreation E		Temperature °C	11/1 - 3/31	CS-II	CS-II 22.8* <sup>C</sup>	Aluminum		
	Water Supply		Temperature °C	4/1 - 10/31	28.8*	22.8"	Arsenic	340	
Qualifiers:	Water Supply				4-		Arsenic(T)		0.02
					acute	chronic	Beryllium		
Other:			D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
Temporary M	odification(s):		D.O. (spawning)			7.0	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid		pH		6.5 - 9.0		Chromium III		TVS
Expiration Dat	te of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )				Chromium III(T)	50	
*Southern Ute	Indian Reservation		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
*Temperature	(4/1 - 10/31) = See Se	ection 34.6(6) for					Copper	TVS	TVS
assessment lo	ocations.		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		0.01(t)
			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			0.002	Uranium		
						0.002	Zinc	TVS	TVS
			etlands, from the boundar					low the confluence with	the First Fork of
	1	iding all tributarie	s, from the source to a po			ith Dunagan	Canyon.		
	Classifications		Physic					Madala (	
-				al and Biologi				Metals (ug/L)	
	Agriculture			ai and Biologi	DM	MWAT		Metals (ug/L) acute	chronic
Reviewable	Aq Life Cold 1	5/1 10/21	Temperature °C		DM CS-I	CS-I	Aluminum	acute	
Neviewable	Aq Life Cold 1 Recreation E	5/1 - 10/31	Temperature °C		DM CS-I acute	CS-I chronic	Arsenic		
Reviewable	Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31 11/1 - 4/30	Temperature °C D.O. (mg/L)		DM CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T)	acute	
	Aq Life Cold 1 Recreation E		Temperature °C D.O. (mg/L) D.O. (spawning)		DM CS-I acute 	CS-I chronic	Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
Qualifiers:	Aq Life Cold 1 Recreation E Recreation N		Temperature °C D.O. (mg/L) D.O. (spawning) pH		DM CS-I acute	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T)	acute  340  TVS(tr)	  0.02
	Aq Life Cold 1 Recreation E Recreation N		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )		DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
Qualifiers:	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH	11/1 - 4/30	DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Qualifiers: Other:	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )		DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr)	 0.02  TVS 
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30	DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   L)	CS-I chronic 6.0 7.0  150 630 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   L) acute	CS-I chronic 6.0 7.0  150 630 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   L) acute TVS	CS-I chronic 6.0 7.0  150 630 126 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron	11/1 - 4/30 5/1 - 10/31	DM CS-1 acute  6.5 - 9.0   L) acute TVS 	CS-I chronic 6.0 7.0  150 630 126 126 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride	11/1 - 4/30 5/1 - 10/31	DM CS-1 acute  6.5 - 9.0   L) acute TVS  	CS-I chronic 6.0 7.0  150 630 126 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride Chlorine	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   L) acute TVS  TVS  0.019	CS-I chronic 6.0 7.0 150 630 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS 
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chloride Chlorine Cyanide	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   CV acute TVS  0.019 0.005	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   C C C C C C C C C C C C C	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0    CU 0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   CU 200 CU 200 0.019 0.005 10 0.05      0.019 0.005       	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0    CU 2005 10 0.005 10 0.05 	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011   0.11	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS TVS/WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   CU 200 CU 200 0.019 0.005 10 0.05      0.019 0.005       	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute acute  340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Recreation N Water Supply odification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	11/1 - 4/30 5/1 - 10/31	DM CS-I acute  6.5 - 9.0   CU 200 CU 200 0.019 0.005 10 0.05      0.019 0.005       	CS-I chronic 6.0 7.0 150 630 126 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS TVS/WS 0.01(t)

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

OSJPI05B	for the specific listings in Segment 5a. Classifications	Physical and	Biological			Metals (ug/L)			
esignation	Agriculture		DM	MWAT		acute	chronic		
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum				
	Recreation E		acute	chronic	Arsenic	340			
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02		
ualifiers:		D.O. (spawning)		7.0	Beryllium				
ther:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS		
omporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0			
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS		
	e of 12/31/2021				Chromium III(T)	50			
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS		
			acute	chronic	Copper	TVS	TVS		
		Ammonia	TVS	TVS	Iron		WS		
		Boron		0.75	lron(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		0.01(t)		
		Nitrite	0.05		Molybdenum(T)		150		
		Phosphorus		0.11	Nickel	TVS	TVS		
		Sulfate		WS	Nickel(T)		100		
		Sulfide		0.002	Selenium	TVS	TVS		
		Sullice		0.002			TVS(tr)		
					Silver	TVS			
					Uranium				
a All tributar	ies to the Piedra River, including all we	atlands, from a point immediately	below the confluen	nce with Dev	Uranium Zinc	 TVS	TVS(sc)		
	ies to the Piedra River, including all we in Segment 6d.	etlands, from a point immediately	below the confluen	nce with Dev	Uranium Zinc	 TVS	TVS(sc)		
pecific listing		etlands, from a point immediately Physical and		nce with Dev	Uranium Zinc	 TVS	TVS(sc)		
oecific listing	in Segment 6d. Classifications Agriculture			nce with Dev	Uranium Zinc	 TVS ndian Reservation bou	TVS(sc) ndary, excep		
	in Segment 6d. Classifications Agriculture Aq Life Warm 2		Biological		Uranium Zinc	 TVS ndian Reservation bou Metals (ug/L)	TVS(sc)		
Decific listing OSJPI06A esignation	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and	Biological DM	MWAT	Uranium Zinc il Creek to Southern Ute II	 TVS ndian Reservation bou Metals (ug/L)	TVS(sc) ndary, excep chronic		
becific listing OSJPI06A esignation eviewable	in Segment 6d. Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	Uranium Zinc il Creek to Southern Ute II Aluminum	 TVS ndian Reservation bou Metals (ug/L) acute 	TVS(sc) ndary, excep chronic		
becific listing OSJPI06A esignation eviewable	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Uranium Zinc il Creek to Southern Ute li Aluminum Arsenic	 TVS ndian Reservation bou Metals (ug/L) acute  340	TVS(sc) ndary, excep chronic		
ecific listing DSJP106A esignation eviewable ualifiers:	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Uranium Zinc il Creek to Southern Ute In Aluminum Arsenic Arsenic(T)	TVS ndian Reservation bou Metals (ug/L) acute 340	TVS(sc) ndary, excep chronic  0.02-10		
becific listing OSJPI06A esignation eviewable ualifiers: ther:	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 ml.)	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Uranium Zinc il Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium	TVS ndian Reservation bou Metals (ug/L) acute 340	TVS(sc) ndary, excep chronic  0.02-10  TVS		
ecific listing OSJPI06A esignation eviewable ualifiers: ther: ther:	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 ml.)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Uranium Zinc I Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS ndian Reservation bou Metals (ug/L) acute 340 TVS	TVS(sc; ndary, excep chronic  0.02-10  TVS		
ecific listing OSJPI06A esignation eviewable ualifiers: ther: ther: hlorophyll a e facilities lis	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Uranium Zinc Zinc I Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS ndian Reservation bou Metals (ug/L) acute  340  TVS 5.0	TVS(sc) ndary, excep chronic  0.02-10  TVS  TVS		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0  c (mg/L)	MWAT WS-II chronic 5.0  150* 205	Uranium Zinc Zinc I Creek to Southern Ute I Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS Indian Reservation bou Metals (ug/L) acute  340  TVS 5.0	TVS(sc) ndary, excep chronid  0.02-10  TVS  TVS		
ecific listing OSJPI06A esignation eviewable ualifiers: ther: ther: hlorophyll a e facilities lis	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-II chronic 5.0  150* 205 chronic	Uranium Zinc il Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS Indian Reservation bou Metals (ug/L) acute  340  340  TVS 5.0 5.0	TVS(sc) ndary, excep chronic 0.02-10  TVS  TVS  TVS		
ecific listing OSJPI06A esignation eviewable ualifiers: ther: ther: hlorophyll a e facilities lis	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-II acute  6.5 - 9.0  (c (mg/L) acute TVS	MWAT WS-II chronic 5.0  150* 205 chronic TVS	Uranium Zinc Zinc I Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI	 TVS Indian Reservation bour Metals (ug/L) Acute Ac	TVS(sc) ndary, excep chronii  0.02-10  TVS  TVS TVS TVS		
ecific listing DSJP106A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis hosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) TVS 	MWAT           WS-II           chronic           5.0              150*           205           chronic           TVS           0.75	Uranium Zinc Zinc I Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	 TVS Indian Reservation bour Metals (ug/L) acute  340  17VS 5.0  50 TVS 50 TVS	TVS(sc ndary, excep chroni  0.02-10  TVS  TVS  TVS  TVS 1000		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis phosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) TVS  TVS	MWAT WS-II chronic 5.0  150* 205 chronic TVS 0.75 250	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS ndian Reservation bour Metals (ug/L) Acute   340   TVS 5.0  50 TVS 5.0  50 TVS  50 TVS	TVS(sc) ndary, except chronic  0.02-10  TVS  TVS  TVS  TVS 1000 TVS		
ecific listing DSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis thosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  ( ()  ()  ()  	MWAT WS-II chronic 5.0  150* 205 chronic TVS 0.75 250 0.011	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Indian Reservation bour Metals (ug/L) Acute Ac	TVS(sc) ndary, excep chronic 0.02-10  TVS  TVS TVS TVS 1000 TVS		
ecific listing DSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis thosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  (c (mg/L) C (mg/L) C (mg/L)  0.019 0.005	MWAT WS-II chronic 5.0  150* 205 chronic TVS 0.75 250 0.011 	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Indian Reservation bour Metals (ug/L) Acute A	TVS(sc) ndary, excep chronic		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis phosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 100	MWAT WS-II chronic 5.0 150* 205 chronic TVS 0.75 250 0.011   	Uranium Zinc Zinc Creek to Southern Ute In Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese	 TVS ndian Reservation bour Metals (ug/L) Acute Ac	TVS(sc) ndary, excep chronic  0.02-10  TVS  TVS TVS 1000 TVS 1000 TVS		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis phosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  (c (mg/L) C (mg/L)  0.019 0.005 100 0.5 100	MWAT           WS-II           chronic           5.0           150*           205           chronic           TVS           0.75           250           0.011                 0.011*	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS ndian Reservation bour Metals (ug/L) Acute Ac	TVS(sc) ndary, except chronic  0.02-10  TVS  TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t)		
ecific listing DSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis thosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  ( ( () ( () (-	MWAT           WS-II           chronic           5.0           150*           205           chronic           TVS           0.75           250           0.011              0.011              0.17*           250	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Addian Reservation bour Metals (ug/L) Acute A	TVS(sc ndary, except chronii 		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis phosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  (c (mg/L) C (mg/L)  0.019 0.005 100 0.5 100	MWAT           WS-II           chronic           5.0           150*           205           chronic           TVS           0.75           250           0.011                 0.011*	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Indian Reservation bour Metals (ug/L) Acute A	TVS(sc) ndary, except chronic  0.02-10  TVS  TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS 1000		
becific listing OSJPI06A esignation eviewable ualifiers: ther: hlorophyll a e facilities lis phosphorus(	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  ( ( () ( () (-	MWAT           WS-II           chronic           5.0           150*           205           chronic           TVS           0.75           250           0.011              0.011              0.17*           250	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Metals (ug/L) Metals (ug/	TVS(sc ndary, except chronii 0.02-10 TVS TVS TVS TVS 1000 TVS 0.01(t) 150 TVS 0.01(t)		
ecific listing OSJPI06A esignation eviewable ualifiers: ther: ther: hlorophyll a e facilities lis	in Segment 6d. Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  ( ( () ( () (-	MWAT           WS-II           chronic           5.0           150*           205           chronic           TVS           0.75           250           0.011              0.011              0.17*           250	Uranium Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	 TVS Indian Reservation bour Metals (ug/L) Acute A	TVS(sc) ndary, except chronic 		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

	iries including wetlands to the Pie	dra River from the Southern Ute Indian	Reservation bound	dary to Navaj	o Reservoir, except fo	or the specific listing in Se	gment 6c.
COSJPI06B	Classifications	Physical and				Metals (ug/L)	-
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 A
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		205	Cadmium(T)	5.0	
*Southern Ute	e Indian Reservation	Inorgani	c (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.25	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	0.5		Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
				0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
6c. Stollsteim	ner Creek, including all tributaries,	from the Southern Ute Indian Reserva	tion boundary to th	e confluence	Zinc	TVS	TVS
6c. Stollsteim COSJPI06C	ner Creek, including all tributaries,	from the Southern Ute Indian Reserva Physical and I		e confluence	Zinc	TVS	
	Classifications			e confluence	Zinc	TVS	
COSJPI06C	Classifications		Biological		Zinc	TVS Metals (ug/L)	TVS
COSJPI06C Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT	Zinc with the Piedra River.	TVS Metals (ug/L) acute	TVS
COSJPI06C Designation	Classifications Agriculture Aq Life Warm 2	Physical and I	Biological DM WS-II	MWAT WS-II	Zinc with the Piedra River. Aluminum	TVS Metals (ug/L) acute 	TVS chronic 
COSJPI06C Designation	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and	Biological DM WS-II acute	MWAT WS-II chronic	Zinc with the Piedra River. Aluminum Arsenic	TVS Metals (ug/L) acute  340	TVS chronic 
COSJPI06C Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and I Temperature °C D.O. (mg/L)	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T)	TVS Metais (ug/L) acute  340 	TVS chronic 
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       pH	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340  	TVS chronic  0.02-10 <sup>A</sup> 
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and l Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340   TVS	TVS chronic  0.02-10 <sup>A</sup>  TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340  TVS 5.0	TVS chronic  0.02-10 <sup>A</sup>  TVS 
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0   c (mg/L)	MWAT WS-II chronic 5.0  150 205	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metais (ug/L) acute  340  TVS 5.0 	TVS chronic  0.02-10 A  TVS  TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-II chronic 5.0  150 205 chronic	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metais (ug/L) acute  340  TVS 5.0  50	TVS chronic  0.02-10 A  TVS  TVS  TVS 
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT WS-II chronic 5.0  150 205 chronic TVS	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS Metais (ug/L) acute  340  TVS 5.0  50 TVS	TVS chronic  0.02-10 Å  TVS  TVS  TVS  TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT WS-II chronic 5.0  150 205 chronic TVS 0.25	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	TVS chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS  TVS 
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  	MWAT WS-II chronic 5.0  150 205 chronic TVS 0.25 250	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	TVS chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS  TVS WS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  TVS  0.019	MWAT WS-II chronic 5.0  150 205 chronic TVS 0.25 250 0.011	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 	TVS chronic  0.02-10 A  TVS  TVS  TVS  TVS  XS  XS  
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  150 205 205 chronic TVS 0.25 250 0.011 	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS Metais (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS TVS	TVS chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS  TVS  S WS 1000 TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT WS-II chronic 5.0  150 205 chronic TVS 0.25 250 0.011 	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metais (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS TVS 5.0  50 TVS 50 TVS 50	TVS chronic  0.02-10 Å  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  () (mg/L) acute TVS  0.019 0.005 10 0.5	MWAT WS-II chronic 5.0  150 205 Chronic TVS 0.25 250 0.011  	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS  chronic  0.02-10  A  TVS  TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  (.5 - 9.0 (.5 - 9.0  (.5 - 9.0 (.5 - 9.0	MWAT WS-II chronic 5.0  150 205 chronic TVS 0.25 250 0.011   0.17	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium (T) Chromium (T) Chromium (T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS   TVS   	TVS  chronic   0.02-10  A   TVS   TVS   TVS   TVS   TVS   TVS   TVS   TVS
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.5 	MWAT WS-II chronic 5.0  150 205 Chronic TVS 0.25 250 0.011  0.17 WS	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS Metals (ug/L) acute  340  340  TVS 50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS   TVS   	TVS  chronic
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.5 	MWAT WS-II chronic 5.0  150 205 Chronic TVS 0.25 250 0.011  0.17 WS	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS  TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS   TVS      TVS    TVS   	TVS  chronic
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.5 	MWAT WS-II chronic 5.0  150 205 Chronic TVS 0.25 250 0.011  0.17 WS	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute acute  340  TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	TVS  chronic
COSJPI06C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.5 	MWAT WS-II chronic 5.0  150 205 Chronic TVS 0.25 250 0.011  0.17 WS	Zinc with the Piedra River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS Metais (ug/L) acute  340  TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

6d. Steven's c	Iraw from the outlet of Lake Forest Res	ervoir to the confluence	with Martinez C	reek.				
COSJPI06D	Classifications	Physic	al and Biologi	ical		Ν	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C		WS-II	WS-II	Aluminum		
	Recreation P			acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)			5.0	Arsenic(T)		100
Other:		pН		6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )			150*	Cadmium	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5).	E. Coli (per 100 mL)			205	Chromium III	TVS	TVS
*Phosphorus(	chronic) = applies only above the	l	norganic (mg/l	L)		Chromium VI	TVS	TVS
facilities listed	at 34.5(5).			acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	lron(T)		1000
		Boron			0.75	Lead	TVS	TVS
		Chloride			250	Manganese	TVS	TVS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		100		Nickel	TVS	TVS
		Nitrite		0.5		Selenium	TVS	TVS
		Phosphorus			0.17*	Silver	TVS	TVS
		Sulfate				Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
7 Hatcher Re	servoir, Stevens Reservoir, Sullenbuge		and Forest La		0.002		-	-
COSJPI07	Classifications		al and Biologi				Metals (ug/L)	
Designation	Agriculture	-		DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 1	Temperature °C		WL	WL	Aluminum		
	Recreation E 2/2 - 11/30			acute	chronic	Arsenic	340	
	Recreation N 12/1 - 3/1	D.O. (mg/L)			5.0	Arsenic(T)		0.02
	Water Supply	рН		6.5 - 9.0		Beryllium		
	DUWS*	chlorophyll a (mg/m <sup>2</sup> )				Cadmium	TVS	TVS
Qualifiers:		E. Coli (per 100 mL)	12/1 - 3/1		630	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)	3/2 - 11/30		126	Chromium III		TVS
Temporary M	adification(s):					Chromium III(T)	50	
Arsenic(chron			norganic (mg/l			Chromium VI	TVS	TVS
	e of 12/31/2021		norganic (ing/i	acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		WS
*Classification Stevens Rese	: DUWS applies to Hatcher and rvoirs only.	Boron			0.25	lron(T)		1000
		Chloride				Lead	TVS	TVS
					250	Lead(T)	50	100
		Chlorine		0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide		0.005		-		
		Nitrate		10		Mercury Molybdenum(T)		0.01(t) 150
		Nitrite			0.5			
		Phosphorus				Nickel	TVS	TVS
		Sulfate			WS	Nickel(T)		100
		Sulfide			0.002	Selenium	TVS	TVS
						Silver	TVS	TVS
						Uranium –		
						Zinc	TVS	TVS

D.O. = dissolved oxygen

8. Williams Cr	eek Reservoir.								
COSJPI08	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CLL	CLL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		0.02
0	Water Supply		D.O. (spawning)			7.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (ug/L)			8*	Cadmium(T)	5.0	
*chlorophyll a	(ug/L)(chronic) = applie	es only to lakes	E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		TVS
and reservoirs	a larger than 25 acres s	surface area.	E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)	50	
	chronic) = applies only ger than 25 acres surfac			norganic (mg/l	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		0.01(t)
			Nitrite		0.05		Molybdenum(T)		150
			Phosphorus			0.025*	Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
							Silver	TVS	TVS(tr)
							Uranium		
							Zinc	TVS	TVS
9. All lakes an Williams Lake		o the Piedra Rive	er which are within the W	/eminuche Wild	erness Area	a. This segme		TVS	
		o the Piedra Rive		/eminuche Wild		a. This segme	Zinc ent includes Window Lake	TVS	
Williams Lake	S.	o the Piedra Rive				a. This segme MWAT	Zinc ent includes Window Lake	TVS , Monument Lake, Hos	
Williams Lake COSJPI09	Classifications	o the Piedra Rive			cal	_	Zinc ent includes Window Lake	TVS , Monument Lake, Ho: Metals (ug/L)	ssick Lake, and
Williams Lake COSJPI09 Designation	S. Classifications Agriculture	o the Piedra Rive	Physic		cal DM	MWAT	Zinc ent includes Window Lake	TVS , Monument Lake, Hos Metals (ug/L) acute	ssick Lake, and chronic
Williams Lake COSJPI09 Designation	es. Classifications Agriculture Aq Life Cold 1	o the Piedra Rive	Physic		DM CL	MWAT CL	Zinc ent includes Window Lake Aluminum	TVS , Monument Lake, Hos Metals (ug/L) acute 	ssick Lake, and chronic 
Williams Lake COSJPI09 Designation	s. Classifications Agriculture Aq Life Cold 1 Recreation E	o the Piedra Rive	Physic Temperature °C		CL CL acute	MWAT CL chronic	Zinc ent includes Window Lake Aluminum Arsenic	TVS , Monument Lake, Hos Metals (ug/L) acute  340	chronic
Williams Lake COSJPI09 Designation OW	s. Classifications Agriculture Aq Life Cold 1 Recreation E	o the Piedra Rive	Physic Temperature °C D.O. (mg/L)		CL CL acute 	MWAT CL chronic 6.0	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T)	TVS , Monument Lake, Hos Metals (ug/L) acute  340 	chronic  0.02
Williams Lake COSJPI09 Designation OW Qualifiers: Other:	S. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply		Physic Temperature °C D.O. (mg/L) D.O. (spawning)		CL CL acute 	MWAT CL chronic 6.0 7.0	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium	TVS , Monument Lake, Hos Metals (ug/L) acute  340 	chronic  0.02 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH		CL CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr)	chronic  0.02 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)		CA CL Acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		CAI CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS  TVS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	CAI CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	cal DM CL acute  6.5 - 9.0   L)	MWAT CL chronic 6.0 7.0  8* 126	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	Cal CL acute  6.5 - 9.0   L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	ssick Lake, and chronic  0.02  TVS  TVS TVS TVS TVS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	CL CL acute  6.5 - 9.0   CL CVS	MWAT CL chronic 6.0 7.0  8* 126 Chronic TVS	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  Chronic  0.02  TVS  TVS  TVS WS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	Cal DM CL acute  6.5 - 9.0  CL) acute TVS 	MWAT CL chronic 6.0 7.0  8* 126 	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	ssick Lake, and chronic  0.02  TVS  TVS TVS TVS TVS WS 1000
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	cal and Biologi	cal DM CL acute  6.5 - 9.0   L) acute TVS 	MWAT CL chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS , Monument Lake, Hos Metals (ug/L) acute  340  TVS(tr) 5.0 TVS 50 TVS TVS TVS TVS TVS	ssick Lake, and chronic  0.02  TVS  TVS TVS TVS VS VS 1000 TVS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine	cal and Biologi	Cal DM CL acute  6.5 - 9.0  6.5 - 9.0  CL CL CL CL CL CL CL CL CL CL	MWAT CL chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS , Monument Lake, Hos Metals (ug/L) acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	ssick Lake, and chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	cal and Biologi	CL CL acute  6.5 - 9.0  6.5 - 9.0  CU CU CU CU CU CU CU CU CU CU	MWAT CL chronic 6.0 7.0 7.0 8* 126 8* 126 Chronic TVS 0.75 250 0.011	Zinc Zinc	TVS , Monument Lake, Hos Metals (ug/L) acute 340 340 TVS(tr) 5.0 TVS 50 TVS CTVS CTVS CTVS CTVS CTVS CTVS CTVS	ssick Lake, and chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chloride Cyanide Nitrate	cal and Biologi	CL CL acute  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10	MWAT CL chronic 6.0 7.0  8* 126  8* 126  0.75 250 0.011 	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS         Monument Lake, Host         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            TVS(tr)         5.0            TVS         TVS <t< td=""><td>ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS 1000 TVS  VS 0.01(t)</td></t<>	ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS 1000 TVS  VS 0.01(t)
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite	cal and Biologi	DM           CL           acute              6.5 - 9.0              6.5           0.5                 0.019           0.005           10           0.05	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           TVS           0.75           250           0.011	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic Arsenic Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Chromium III Chromium III Chromium VI Copper Iron Iron Iron Iron Lead Lead Lead Manganese Mercury Molybdenum(T)	TVS         Monument Lake, Host         Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         TVS         50         TVS         TVS <td>ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS </td>	ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chloriphyll Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	cal and Biologi	cal DM CL acute  6.5 - 9.0   C.) acute TVS C.) 0.019 0.005 10 0.05 10	MWAT           CL           chronic           6.0           7.0           8*           126           0.0           TVS           0.75           250           0.011              0.011              0.025*	Zinc ent includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS         Monument Lake, Hor         acute         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS	ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS 
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	cal and Biologi	ical DM CL acute  6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.05 10 0.05 10 0.05	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           0.75           250           0.011              0.025*           WS	Zinc ant includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS         Monument Lake, Hor         acute         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS </td <td>ssick Lake, and chronic  0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100</td>	ssick Lake, and chronic  0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Williams Lake COSJPI09 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	s. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applie arger than 25 acres s	es only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	cal and Biologi	ical DM CL acute  6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.05 10 0.05 10 0.05	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           0.75           250           0.011              0.025*           WS	Zinc ant includes Window Lake Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS         Monument Lake, Hor         Metals (ug/L)         acute         340            340            340            340            340            50         TVS         TVS         50         TVS            TVS            TVS                                 TVS	ssick Lake, and chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

OSJPI10	Classifications		Physic	al and Biologi	cal		Ν	/letals (ug/L)	
esignation	Agriculture				DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		0.02
	Water Supply		D.O. (spawning)			7.0	Beryllium		
ualifiers:			pН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
ther:			chlorophyll a (ug/L)			8*	Cadmium(T)	5.0	
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		TVS
	ı (ug/L)(chronic) = ap s larger than 25 acre		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)	50	
	(chronic) = applies or		I	norganic (mg/L	_)		Chromium VI	TVS	TVS
servoirs larg	ger than 25 acres su	nace area.			acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			Nitrite		0.05		Molybdenum(T)		150
			Phosphorus			0.025*	Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
			e dinae			0.002	Silver	TVS	TVS(tr)
							0		
							Uranium		
							Uranium Zinc	 TVS	 TVS
1a. All lakes	and reservoirs which	h are tributary to th	e Piedra River, from a po	pint immediately	below the	confluence v		TVS	
oundary. Th	is segment includes					confluence v	Zinc vith Devil Creek to the Sout	TVS hern Ute Indian Rese	
oundary. Th OSJPI11A	is segment includes Classifications			bint immediately	cal		Zinc vith Devil Creek to the Sout	TVS hern Ute Indian Rese Metals (ug/L)	ervation
oundary. Th OSJPI11A esignation	is segment includes Classifications Agriculture		Physic		cal DM	MWAT	Zinc vith Devil Creek to the Sout	TVS hem Ute Indian Rese Metals (ug/L) acute	chronic
oundary. Th OSJPI11A esignation	is segment includes Classifications Agriculture Aq Life Warm 2				cal DM WL	MWAT WL	Zinc with Devil Creek to the Sout	TVS hem Ute Indian Rese Metals (ug/L) acute 	ervation chronic
oundary. Th OSJPI11A esignation	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C		cal DM WL acute	MWAT WL chronic	Zinc vith Devil Creek to the Sout	TVS hern Ute Indian Rese Metals (ug/L) acute  340	ervation chronic
oundary. Th DSJPI11A esignation	is segment includes Classifications Agriculture Aq Life Warm 2		Physic Temperature °C D.O. (mg/L)		cal DM WL acute 	MWAT WL chronic 5.0	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T)	TVS hern Ute Indian Rese Vetals (ug/L) acute  340 	chronic  0.02
oundary. Th OSJPI11A esignation P	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply		Physic Temperature °C D.O. (mg/L) pH		cal DM WL acute	MWAT WL chronic 5.0	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium	TVS hern Ute Indian Rese Metals (ug/L) acute  340 	ervation chronic  0.02
oundary. Th OSJPI11A esignation P ualifiers: dater + Fish	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)		cal DM WL acute 	MWAT WL chronic 5.0  20*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS hern Ute Indian Rese detals (ug/L) acute  340  TVS	ervation chronic  0.02 
oundary. Th OSJPI11A esignation P ualifiers:	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	al and Biologic	cal DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS hern Ute Indian Rese Metals (ug/L) acute  340 	ervation chronic  0.02  TVS 
oundary. Th OSJPI11A esignation P ualifiers: /ater + Fish ther:	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		cal DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS hern Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0 	ervation chronic  0.02  TVS
ualifiers: ater + Fish hlorophyll a dreservoir:	I clussifications Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acres	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	al and Biologic	cal DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS hem Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0	ervation chronic  0.02  TVS 
audary. Th DSJPI11A esignation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	al and Biologic	cal DM WL acute  6.5 - 9.0  	MWAT WL chronic 5.0  20* 126	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS hern Ute Indian Rese detals (ug/L) acute  340  TVS 5.0  50 TVS	ervation chronic  0.02  TVS  TVS  TVS
ualifiers: ater + Fish ther: hlorophyll a dreservoir: bosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	al and Biologic	cal DM WL acute 6.5 - 9.0   	MWAT WL chronic 5.0  20* 126 chronic	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS hern Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0  50	ervation chronic  0.02  TVS  TVS  TVS  TVS TVS
ualifiers: ater + Fish ther: hlorophyll a dreservoir: bosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia	al and Biologic	cal DM WL acute 6.5 - 9.0      acute TVS	MWAT WL chronic 5.0  20* 126 20* 126 Chronic	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS hern Ute Indian Rese detals (ug/L) acute  340  TVS 5.0  50 TVS	ervation chronic  0.02  TVS  TVS  TVS  TVS TVS
undary. Th DSJPI11A signation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron	al and Biologic	cal DM WL acute  6.5 - 9.0    acute TVS 	MWAT WL chronic 5.0  20* 126 .20* 126 .75 .075	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS hern Ute Indian Reserved detals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS	chronic chronic  0.02  TVS  TVS  TVS  TVS  S
undary. Th DSJPI11A signation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride	al and Biologic	cal DM WL acute  6.5 - 9.0    acute TVS   	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75 250	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS hern Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS	ervation chronic  0.02  TVS  TVS  TVS  VS  VS  VS   VS  
undary. Th DSJPI11A signation ualifiers: ater + Fish her: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	al and Biologic	cal DM WL acute  6.5 - 9.0        -	MWAT WL chronic 5.0  20* 126 0.2 tVS 0.75 250 0.011	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS herr Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	ervation chronic  0.02  TVS  TVS  TVS  VS  VS  VS   VS  
undary. Th DSJPI11A signation ualifiers: ater + Fish her: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	al and Biologic	cal DM WL acute  6.5 - 9.0    Acute TVS  TVS  0.019 0.005	MWAT WL chronic 5.0  20* 126 0.0 TVS 0.75 250 0.011	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS herr Ute Indian Rese Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS TVS TVS TVS TVS	ervation chronid  0.02  0.02  TVS  TVS  TVS  TVS  TVS  TVS   
undary. Th DSJPI11A signation alifiers: ater + Fish her: nlorophyll a d reservoir: nosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	al and Biologic	cal DM WL acute  6.5 - 9.0    Acute TVS  TVS  0.019 0.005 10	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75 250 0.011 	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS hern Ute Indian Reserved detals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS TVS 50 TVS 50	ervation chronic   0.02  TVS  TVS WS 1000 TVS  TVS/WS
undary. Th DSJPI11A signation ualifiers: ater + Fish her: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 C C C C C C C C C C C C C	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75 250 0.011  1.25 0.011  1.25 0.011	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS hern Ute Indian Reserved detals (ug/L) acute	ervation chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS 0.01(t)
undary. Th DSJPI11A signation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 - 9.0  0.5 - 9.0  0.01 0.01 0.005 10 0.5 	MWAT           WL           chronic           5.0           126           20*           126           0.01           0.75           250           0.011                 0.011              0.011	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS           hern Ute Indian Reserved           Metals (ug/L)           acute              340              340              TVS           5.0              50           TVS	ervation chronic  0.02  TVS  TVS
undary. Th DSJPI11A signation ualifiers: ater + Fish her: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 - 9.0  0.5  0.019 0.005 10 0.05 10 0.5 	MWAT           WL           chronic           5.0           20*           126           0.01           TVS           0.75           0.011              0.011              0.031*           0.083*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS           hern Ute Indian Rese           Metals (ug/L)           acute              340              340              TVS           5.0              50           TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS           50           TVS           50           TVS	ervation chroni      TVS  TVS WS 1000 TVS  TVS WS 1000  TVS WS 1000  TVS   
undary. Th DSJPI11A signation ualifiers: ater + Fish her: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 - 9.0  0.5  0.019 0.005 10 0.05 10 0.5 	MWAT           WL           chronic           5.0           20*           126           0.01           TVS           0.75           0.011              0.011              0.031*           0.083*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS           hern Ute Indian Rese           Metals (ug/L)           acute              340              340              50           TVS	ervation chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150
undary. Th DSJPI11A signation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 - 9.0  0.5  0.019 0.005 10 0.05 10 0.5 	MWAT           WL           chronic           5.0           20*           126           0.01           TVS           0.75           0.011              0.011              0.031*           0.083*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           hern Ute Indian Rese           Metals (ug/L)           acute              340              340              5.0           TVS              TVS              TVS           5.0           TVS              TVS           5.0           TVS           5.0           TVS           5.0           TVS                    TVS <td>ervation chroni 0.02  0.02  TVS  TVS WS 1000 TVS WS 0.01(ti 150 TVS 100 TVS</td>	ervation chroni 0.02  0.02  TVS  TVS WS 1000 TVS WS 0.01(ti 150 TVS 100 TVS
audary. Th DSJPI11A esignation ualifiers: ater + Fish ther: hlorophyll a d reservoir: hosphorus(	Is segment includes Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards (ug/L)(chronic) = ap s larger than 25 acre (chronic) = applies or	Capote Lake.	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	al and Biologic	cal DM WL acute  6.5 - 9.0  0.5 - 9.0  0.5  0.019 0.005 10 0.05 10 0.5 	MWAT           WL           chronic           5.0           20*           126           0.01           TVS           0.75           0.011              0.011              0.031*           0.083*	Zinc vith Devil Creek to the Sout Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS           hern Ute Indian Reservation           detals (ug/L)           acute              340              340              350           TVS           50           TVS	ervation chronic 0.02  0.02  TVS  TVS WS 1000 TVS WS 0.01(t) 150 TVS 1000

T = total recoverable t = total

tr=trout sc=sculpin

COSJPI11B	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		205	Cadmium(T)	5.0	
	Indian Reservation	Inorganic (m	g/L)		Chromium III		TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.		acute	chronic	Chromium III(T)	50	
	chronic) = applies only to lakes and er than 25 acres surface area.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.25	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	0.5		Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

<ol> <li>All tributarie</li> </ol>	es to the Los Pinos River, including all v	wetlands, which are within the W	eminuche Wilderne	ess Area.			
COSJPN01	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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(tr)
					Uranium		
					Zinc	TVS	TVS
	of the Los Pinos River from the bounda	ary of the Weminuche Wildernes	s Area to the bound	dary of the S	outhern Ute Indian Rese	ervation except for the s	pecific listing in
Segment 3. COSJPN02A	1						
	Classifications	Physical and	Biological			Metals (ug/L)	
	Classifications	Physical and	-	MWAT		Metals (ug/L) acute	chronic
Designation	Agriculture		DM	MWAT	Aluminum	Metals (ug/L) acute	chronic
		Physical and Temperature °C	DM CS-II	CS-II	Aluminum	acute	
Designation	Agriculture Aq Life Cold 1	Temperature °C	DM CS-II acute	CS-II chronic	Arsenic	acute  340	
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-II acute 	CS-II chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute  6.5 - 9.0	CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS(tr)	 0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-II acute  6.5 - 9.0 	CS-II chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02  TVS 
Designation Reviewable Qualifiers: Other: Temporary Mu Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute  6.5 - 9.0	CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  T√S(tr) 5.0 	 0.02  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-II acute  6.5 - 9.0 	CS-II chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  T√S(tr) 5.0  50	 0.02  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-II acute  6.5 - 9.0  	CS-II chronic 6.0 7.0  150* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS 
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	DM CS-II acute  6.5 - 9.0   ic (mg/L) acute	CS-II chronic 6.0 7.0  150* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mu Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS	CS-II chronic 6.0 7.0  150* 126  126  Chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TV/S(tr) 5.0  50 TV/S TV/S TV/S	 0.02  TVS  TVS  TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	CS-II chronic 6.0 7.0  150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS TVS WS 1000
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-II acute  6.5 - 9.0  c ic (mg/L) acute TVS 	CS-II chronic 6.0 7.0  150* 126 26 Chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS  TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-II acute  6.5 - 9.0   ic (mg/L) acute TVS  TVS  0.019	CS-II chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute  6.5 - 9.0  ic (mg/L) ic (mg/L) TVS  TVS  0.019 0.005	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TV/S(tr) 5.0  50 TV/S TV/S TV/S  TV/S 50 TV/S 50 TV/S	 0.02  TVS TVS TVS TVS WS 1000 TVS TVSWS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute  340  TV/S(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10 0.05	CS-II chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011   	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute  6.5 - 9.0  () () c (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011  0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute  6.5 - 9.0  () () c (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS    TVS   	0.02 TVS TVS TVS TVS TVS TVS TVS TVS.MVS TVS/MVS TVS/MVS TVS/MVS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011  0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011  0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS    TVS   	0.02 TVS TVS TVS TVS TVS TVS TVS TVS.MVS TVS/MVS TVS/MVS TVS/MVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

2b. Mainstem	of the Los Pinos River from	the boundary of the Southern Ute Indian R	eservation to the PI	ne Dilch Dive	EISIOII (37.1900, -107.3	)0//0).	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
-	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Southern Ute	Indian Reservation		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	 TVS	 TVS
		the Pine Ditch Diversion (37.1906, -107.58		onfluence wi	Zinc	TVS	TVS
of the Souther	n Ute Indian Reservation to	their confluences with the Los Pinos River		onfluence wi	Zinc	TVS em of Beaver Creek from	TVS
of the Souther COSJPN02C	n Ute Indian Reservation to Classifications		Biological		Zinc	TVS em of Beaver Creek from Metals (ug/L)	TVS the boundaries
of the Souther	n Ute Indian Reservation to	their confluences with the Los Pinos River Physical and		onfluence wi	Zinc	TVS em of Beaver Creek from	TVS
of the Souther COSJPN02C Designation	n Ute Indian Reservation to Classifications Agriculture	their confluences with the Los Pinos River	Biological DM	MWAT	Zinc th Dry Creek. Mainste Aluminum	TVS em of Beaver Creek from Metals (ug/L) acute 	TVS the boundaries
of the Souther COSJPN02C Designation	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1	their confluences with the Los Pinos River Physical and	Biological DM CS-II	MWAT CS-II	Zinc th Dry Creek. Mainste Aluminum Arsenic	TVS em of Beaver Creek from Metals (ug/L)	TVS the boundaries chronic 
of the Souther COSJPN02C Designation	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II chronic	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T)	TVS em of Beaver Creek from Metals (ug/L) acute  340	TVS the boundaries chronic 
of the Souther COSJPN02C Designation Reviewable Qualifiers:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E	their confluences with the Los Pinos River. Physical and Temperature °C	Biological DM CS-II acute 	MWAT CS-II chronic 6.0	Zinc th Dry Creek. Mainste Aluminum Arsenic	TVS em of Beaver Creek from Metals (ug/L) acute  340  	TVS the boundaries chronic  0.02
of the Souther COSJPN02C Designation Reviewable	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS em of Beaver Creek from Metals (ug/L) acute  340 	TVS the boundaries chronic  0.02 
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E	their confluences with the Los Pinos River.           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 	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS em of Beaver Creek from Metals (ug/L) acute  340  TVS(tr) 5.0	TVS the boundaries chronic  0.02  TVS 
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River.           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	<b>MWAT</b> CS-II <b>chronic</b> 6.0 7.0 	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS em of Beaver Creek from Metals (ug/L) acute  340   TVS(tr)	TVS the boundaries chronic  0.02  TVS
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	<b>MWAT</b> CS-II <b>chronic</b> 6.0 7.0 	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS em of Beaver Creek from Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS the boundaries Chronic  0.02  TVS  TVS
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  c ic (mg/L)	MWAT CS-II chronic 6.0 7.0  126	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS em of Beaver Creek from Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS the boundaries chronic  0.02  TVS  TVS  TVS
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute	MWAT           CS-II           chronic           6.0           7.0              126           chronic	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	TVS em of Beaver Creek from Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS 	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250	Zinc Th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  () c (mg/L) acute TVS  0.019	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS 	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Zinc Th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River. Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  1.0 0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           126           chronic           TVS           0.75           250           0.011	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS           em of Beaver Creek from           Metals (ug/L)           acute              340              340              TVS(r)           5.0              50           TVS           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (Comp/L) acute TVS  0.019 0.005 10	MWAT           CS-II           chronic           6.0           7.0           126           chronic           TVS           0.75           250           0.011	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS           em of Beaver Creek from           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              50           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS           TVS           TVS           TVS           TVS           TVS	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River.  Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrate Phosphorus	Biological DM CS-II acute  6.5 - 9.0  () CCS  CCS  0.019 0.005 10 0.05	MWAT           CS-II           chronic           6.0           7.0           126           0.75           250           0.011	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS em of Beaver Creek from Metals (ug/L) acute	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River.  Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrate Nitrate Sulfate	Biological DM CS-II acute   6.5 - 9.0  () CS  0.019 0.005 10 0.05 10 0.05	MWAT           CS-II           chronic           6.0           7.0           126           0.70           126           0.75           2500           0.011                 WS	Zinc Zinc Zinc Zinc Xinc Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS em of Beaver Creek from Metals (ug/L)  Metals (ug/L)  Guide Content Conten	TVS the boundaries chronic
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River.  Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrate Phosphorus	Biological DM CS-II acute   6.5 - 9.0  6.5 - 9.0  ()  ()  0.019 0.005 10 0.005 10 0.05  	MWAT           CS-II           chronic           6.0           7.0           126           0.75           250           0.011	Zinc Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           em of Beaver Creek from           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           50           TVS	TVS           the boundaries           chronic              0.02              TVS           TVS           TVS           TVS           TVS           TVS           0.001           TVS           0.0100           TVS           0.0100           TVS           0.0100           TVS           1000           TVS/WS           0.01(t)           150           TVS           100
of the Souther COSJPN02C Designation Reviewable Qualifiers: Other:	n Ute Indian Reservation to Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	their confluences with the Los Pinos River.  Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrate Nitrate Sulfate	Biological DM CS-II acute   6.5 - 9.0  6.5 - 9.0  ()  ()  0.019 0.005 10 0.005 10 0.05  	MWAT           CS-II           chronic           6.0           7.0           126           0.70           126           0.75           2500           0.011                 WS	Zinc th Dry Creek. Mainste Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS           em of Beaver Creek from           Metals (ug/L)           acute              340              340              TVS(r)           5.0              TVS(r)           5.0           TVS           50           TVS           50           TVS           50           TVS           50           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS	TVS the boundaries chronic  chronic

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

tr=trout sc=sculpin

	es of the Southern Ute Indian R	Reservation to their confluences with the L					
COSJPN02D		Physical and	-		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Southern Lite	e Indian Reservation	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Southern Ote		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. Vallecito Re	eservoir.						
COSJPN03	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL		Aluminum		
			ÖLL	CLL	Aluminum		
	Recreation E		acute	CLL chronic	Arsenic	 340	
	Recreation E Water Supply	D.O. (mg/L)					  0.02
Qualifiers:		D.O. (mg/L) D.O. (spawning)	acute	chronic	Arsenic	340	
			acute	chronic 6.0	Arsenic Arsenic(T)	340	
		D.O. (spawning)	acute  	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium	340  	0.02
		D.O. (spawning) pH	acute  	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS(tr)	0.02  TVS
		D.O. (spawning) pH chlorophyll a (ug/L)	acute  	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340   TVS(tr)	0.02  TVS 
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS(tr) 5.0 	0.02  TVS  TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS(tr) 5.0  50	0.02  TVS  TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0  	<b>chronic</b> 6.0 7.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS(tr) 5.0  50 TVS	0.02  TVS  TVS  TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	acute  6.5 - 9.0  ic (mg/L) acute	chronic           6.0           7.0              126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute  6.5 - 9.0   ic (mg/L) TVS 	chronic 6.0 7.0  126 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 	0.02 TVS TVS TVS TVS WS 1000
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute  6.5 - 9.0   ic (mg/L) acute TVS 	chronic           6.0           7.0              126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS(tr) 5.0  50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS WS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0   ic (mg/L) acute TVS   0.019	chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005	chronic 6.0 7.0  126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS TVS  TVS WS 1000 TVS TVS/WS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10	chronic 6.0 7.0  126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS WS 1000 TVS S U00 TVS S U00 TVS U00 TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05	chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS TVS 8 1000 TVS 1000 TVS 5 0.01(t) 150
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS	0.02  TVS  TVS WS 1000 TVS 4000 TVS 0.01(t) 150 TVS
Qualifiers: Other:		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	chronic 6.0 7.0 126 126 0.125 0.011 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS WS 1000 TVS (1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.0111 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS 100 TVS
		D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.0111 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS WS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

COSJPN04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporarv N	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Da	te of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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(tr)
					Uranium		
					Zinc	TVS	TVS(sc)
5. Mainstem o	of Vallecito Creek from the boundary of	the Weminuche Wilderness Are	a to Vallecito Reser	rvoir.			
COSJPN05	Classifications	Physical and	Biological		I	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
-		Temperature °C	DM CS-I	MWAT CS-I	Aluminum	,	chronic
-	Agriculture	Temperature °C			Aluminum Arsenic	acute	chronic 
-	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	CS-I	CS-I	-	acute	
Reviewable	Agriculture Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	acute  340	
Designation Reviewable Qualifiers: Dther:	Agriculture Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T)	acute  340 	
Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Reviewable Qualifiers: Dther:	Agriculture Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chror	Agriculture Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	CS-I acute 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr)	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	CS-I acute 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02 TVS  TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a re facilities li	Agriculture Aq Life Cold 1 Recreation E Water Supply fodification(s): iic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	CS-I acute  6.5 - 9.0   ic (mg/L) acute	CS-I chronic 6.0 7.0  150* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute  6.5 - 9.0  ic (mg/L) ic (mg/L) TVS 	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS S VS 1000
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute  6.5 - 9.0   ic (mg/L) acute TVS  CNS  0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS 1000 TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute  6.5 - 9.0  ic (mg/L) 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  C.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TV	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  (mg/L) ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	CS-I acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011  0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Reviewable Qualifiers: Other: Temporary M rsenic(chror Expiration Da chlorophyll a ne facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  (mg/L) ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chror Expiration Da chlorophyll a he facilities li Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	CS-I acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic TVS 0.75 250 0.011  0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100

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

t = total

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

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

tr=trout sc=sculpin

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COSJPN06	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	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Fish Ingestio	n	рН	6.5 - 9.0		Beryllium(T)		100
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid				Chromium III	TVS	TVS
Expiration Dat	te of 12/31/2021	Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	lron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite			Mercury		0.01(t)
		Phosphorus		0.11	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
		1			Silver	TVS	TVS
		1			Uranium		
		1			Zinc	TVS	TVS

COSJPN07A	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		7.6
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Beryllium(T)		100
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
					Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	lron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite			Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

COSJPN07B	Classifications	Physical and I	Biological		M	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS	TVS
*Southern Ute	Indian Reservation	chlorophyll a (mg/m <sup>2</sup> )		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgani	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		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		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

8. All lakes and reservoirs tributary to the Los Pinos River which are within the Weminuche Wilderness Area, except for the specific listing in Segment 9. This includes Granite Lake, Divide Lakes, Elk Lake, Flint Lakes, Moon Lake, Rock Lake, Betty Lake, Lost Lake, Hidden Lake, Vallecito Lake, Eldorado Lake, Trinity Lake, Leviathan Lake, Sunlight Lake, Hazel Lake, and Columbine Lake.

COSJPN08	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
n		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
*chlorophyll a and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
reservoirs larg		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

9. Emerald La	KC.						
COSJPN09	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*ablaranbull a	(ug/L)(obrania) = applies apply to lokes	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
robor voiro larg		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	nd reservoirs tributary to the Los Pinos					point immediately belo	ow the
confluence wit	th Bear Creek (T35N, R7W), except for Classifications	the specific listing in Segment 3. Physical and Bi	Ū.	ludes Lake S		Metals (ug/L)	
Designation	Agriculture	i nyolour unu Br	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute		, uannian		
	Water Supply			chronic	Arsenic	340	
Qualifiers:		DO(ma/l)		chronic 6 0	Arsenic(T)	340	
		D.O. (mg/L)		6.0	Arsenic(T)		0.02
Othor:		D.O. (spawning)		6.0 7.0	Arsenic(T) Beryllium		0.02
Other:		D.O. (spawning) pH		6.0 7.0 	Arsenic(T) Beryllium Cadmium	  TVS(tr)	
*chlorophyll a	(ug/L)(chronic) = applies only to lakes	D.O. (spawning) pH chlorophyll a (ug/L)	 6.5 - 9.0 	6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS(tr) 5.0	0.02  TVS 
*chlorophyll a and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (spawning) pH		6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0 	0.02  TVS  TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	0.02  TVS  TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L)	 6.5 - 9.0   (mg/L)	6.0 7.0  8* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	0.02  TVS  TVS TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	 6.5 - 9.0  (mg/L) acute	6.0 7.0  8* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	 6.5 - 9.0   (mg/L) acute TVS	6.0 7.0  8* 126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	 6.5 - 9.0  (mg/L) (mg/L) TVS 	6.0 7.0  8* 126 Chronic TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	 6.5 - 9.0  (mg/L) acute T\\S 	6.0 7.0  8* 126 <b>chronic</b> TVS 0.75 250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS   TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	 6.5 - 9.0  (mg/L) acute TVS   0.019	6.0 7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	6.0 7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	6.0 7.0  8* 126 Chronic T∨S 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0  (mg/L) acute T\\S  0.019 0.005 10 0.05	6.0 7.0  8* 126 chronic TVS 0.75 250 0.011  	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrate Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	6.0 7.0 8* 126 <b>Chronic</b> TVS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrate Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	6.0 7.0 8* 126 <b>Chronic</b> TVS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS(tr) 5.0 5.0 50 TVS TVS 7VS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 0.01(t) 150 TVS
*chlorophyll a and reservoirs *Phosphorus(	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrate Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	6.0 7.0 8* 126 <b>Chronic</b> TVS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

D.O. = dissolved oxygen

tr=trout sc=sculpin

t = total

Indian Reserv	Classifications	Physical and	Biological			letals (ug/L)	
		Physical and	DM	N410/0 T	NV NV		ohronio
Designation	Agriculture Ag Life Cold 2	T		MWAT	A	acute	chronic
Reviewable	Recreation E	Temperature °C	CL	CL	Aluminum		
Qualifiers:			acute	chronic	Arsenic	340	
Quaimers.		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
chlorophyll a	(ug/L)(chronic) = applies only to lakes	pH	6.5 - 9.0		Beryllium(T)		100
and reservoirs	larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Cadmium	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
					Chromium III(T)		100
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	0.05		Selenium	TVS	TVS
		Phosphorus		0.025*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
11b. All lakes	and reservoirs tributary to the Los Pinc	s River, from the Southern Ute I	ndian Reservation			-	-
Pond.	and reservoirs tributary to the Los Pino	Physical and			he Colorado/New Mexico b	-	-
Pond. COSJPN11B	-				he Colorado/New Mexico b	order. This segment i	-
Pond. COSJPN11B Designation	Classifications		Biological	boundary to t	he Colorado/New Mexico b	order. This segment i <b>letals (ug/L)</b>	includes Harp
Pond. COSJPN11B Designation	Classifications Agriculture	Physical and	Biological DM	boundary to t	he Colorado/New Mexico b	order. This segment i letals (ug/L) acute	includes Harp
11b. All lakes Pond. COSJPN11B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and	Biological DM CL	boundary to t MWAT CL	he Colorado/New Mexico b N	order. This segment i letals (ug/L) acute 	includes Harp chronic 
Pond. COSJPN11B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C	Biological DM CL acute	boundary to t MWAT CL chronic	he Colorado/New Mexico b N Aluminum Arsenic	order. This segment i letals (ug/L) acute  340	includes Harp chronic 
Pond. COSJPN11B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	he Colorado/New Mexico b N Aluminum Arsenic Arsenic(T)	erder. This segment i letals (ug/L) acute  340 	includes Harp chronic 
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Ute	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute 	MWAT CL chronic 6.0 7.0	he Colorado/New Mexico b N Aluminum Arsenic Arsenic(T) Beryllium	order. This segment i letals (ug/L) acute  340 	chronic  100 
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *colorophyll a	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute   6.5 - 9.0	MWAT CL Chronic 6.0 7.0 	he Colorado/New Mexico b N Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T)	order. This segment i letals (ug/L) acute  340   	includes Harp chronic  100  100
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL acute  6.5 - 9.0	boundary to t MWAT CL chronic 6.0 7.0  20*	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III	Ietals (ug/L) acute  340   TVS	chronic  100  100 TVS TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0 	boundary to t MWAT CL chronic 6.0 7.0  20*	he Colorado/New Mexico b N Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III	Ietals (ug/L) acute  340  TVS TVS TVS 	includes Harp chronic  100 TVS TVS 100
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0   c.c (mg/L)	boundary to 1 MWAT CL Chronic 6.0 7.0  20* 126	he Colorado/New Mexico b N Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI	Itetals (ug/L) acute  340  TVS TVS TVS  TVS	includes Harp           chronic              100              100           TVS           100           TVS           100           TVS           100
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM CL acute  6.5 - 9.0  ic (mg/L) acute	boundary to t MWAT CL chronic 6.0 7.0  20* 126 chronic	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	Itetals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 100 TVS TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM CL acute  6.5 - 9.0  ic (mg/L) acute TVS	boundary to t MWAT CL Chronic 6.0 7.0 7.0 20* 126 Chronic Chronic TVS	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Itetals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 100 TVS 100 TVS 100
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CL	boundary to t MWAT CL Chronic 6.0 7.0  20* 126 Chronic TVS 0.75	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	Ietals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	chronic              100              100           TVS           100           TVS           100           TVS           100           TVS           100           TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CL	boundary to t MWAT CL chronic 6.0 7.0  20* 126 chronic TVS 0.75 	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	Itetals (ug/L)           acute              340              TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 100 TVS 1000 TVS TVS 1000 TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: 'Southern Ute 'chlorophyll a and reservoirs 'Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CL CL     (  (  (  	boundary to 1 MWAT CL chronic 6.0 7.0  20* 126 Chronic TVS 0.75  0.011	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	Itetals (ug/L)           acute              340              TVS	chronic  100 TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *Chlorophyll a and reservoirs *Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine	Biological DM CL CL     (   	boundary to 1 MWAT CL chronic 6.0 7.0 7.0 20* 126 Chronic TVS 0.75  0.011 	he Colorado/New Mexico b Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Intelais (ug/L)         acute            340            TVS            TVS            TVS            TVS            TVS            TVS            TVS	chronic  100  100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *Colorophyll a and reservoirs *Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CL CL     (  (  	boundary to t MWAT CL Chronic 6.0 7.0  20* 126 Chronic TVS 0.75  0.011 	he Colorado/New Mexico b	Interais (ug/L)         acute            340            340            TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 1000 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1050
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *Chlorophyll a and reservoirs *Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL	boundary to 1 MWAT CL Chronic 6.0 7.0  20* 126  0.011  0.011  0.011	he Colorado/New Mexico b	Intelais (ug/L)         acute            340            340            TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *Chlorophyll a and reservoirs *Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL CL     (  (  	boundary to t MWAT CL Chronic 6.0 7.0  20* 126  0.75  0.011  0.083*	he Colorado/New Mexico b	Itetals (ug/L)         acute            340            340            TVS         TVS <tr< td=""><td>includes Harp chronic  100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS 0.01(t) 150 TVS</td></tr<>	includes Harp chronic  100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS 0.01(t) 150 TVS
Pond. COSJPN11B Designation Reviewable Qualifiers: Other: *Southern Utte *Chlorophyll a and reservoirs *Phosphorus(	Classifications Agriculture Aq Life Cold 2 Recreation E Indian Reservation (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL	boundary to 1 MWAT CL Chronic 6.0 7.0  20* 126  0.011  0.011  0.011	he Colorado/New Mexico b	Intelais (ug/L)         acute            340            340            TVS	includes Harp chronic  100  100 TVS TVS 100 TVS 1000 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS TVS TVS TVS

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

sc=sculpin

1. All tributarie	es to the Animas River and Florida Rive	er, including all wetlands, which	are within the Wemi	inuche Wilde	erness Area.		
COSJAF01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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(tr)
					Uranium		
					Zinc	TVS	TVS
	of the Animas River, including all tributa	aries and wetlands, from the outl	et of Denver Lake to	o a point imr	nediately above the conflue	nce with Minnie Gulc	h, except for
COSJAF02	s in Segment 6.	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic(T)		100
Other:		D.O. (mg/L)		3.0	Beryllium(T)		100
Other:		pH	5.8-9.0		Cadmium(T)		10
	ration of dissolved aluminum,	chlorophyll a (mg/m <sup>2</sup> )		150	Chromium III(T)		100
	pper, iron, lead, manganese, and zinc downard maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI(T)		100
standards esta	ablished for segments 3a, 4a and 4b.		ic (mg/L)		Copper(T)		200
		inorgan	acute	chronic	Iron		
		Ammonia			Lead(T)		100
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum(T)		150
		Cyanide	0.2		Nickel(T)		200
		Nitrate		100	Selenium(T)		20
		Nitrite	10		Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc(T)		2000
		Sulfide					2000
		Cuildo					

	<u> </u>	s, itom a point innieulat	ely below the co	onfluence wi	th Minnie G	ulch to immediately above the	ne confluence with Ce	ment Creek.
Classifications		Physic	al and Biologi	cal		N	letals (ug/L)	
Agriculture				DM	MWAT		acute	chronic
Aq Life Cold 1*		Temperature °C		CS-I	CS-I	Aluminum(T)	750	750
Recreation E				acute	chronic	Arsenic	340	
		D.O. (mg/L)			6.0	Arsenic(T)		100
		D.O. (spawning)			7.0	Beryllium		
		pН		6.5 - 9.0		Cadmium		varies*
: Aquatic life indicator goal	II: Brook	chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium	SSE*	
		E. Coli (per 100 mL)			126	Chromium III	TVS	TVS
						Chromium III(T)		100
	70	I	norganic (mg/L	_)		Chromium VI	TVS	TVS
0.041838)) from 6/1-3/31				acute	chronic	Copper	TVS	TVS
hronic) = Standards are lis	sted on	Ammonia		TVS	TVS	lron(T)		1000
Standards are listed on Ta	able 1.	Boron			0.75	Lead	TVS	TVS
= Standards are listed on	Table 1.	Chloride				Manganese		varies*
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		100		Nickel	TVS	TVS
		Nitrite				Selenium	TVS	TVS
		Phosphorus			0.11	Silver	TVS	TVS(tr)
						Uranium		
					0.002	Zinc	varies*	varies*
of the Animas River, includ	ding wetland	s, from a point immediate	ely above the co	onfluence wi	ith Cement (	Creek to a point immediately	above the confluence	e with Mineral
		1						
		Physic	al and Biologie			N		
-				DM	MWAT		acute	
Recreation N 9/1	11 - 5/14						acute	chronic
						Aluminum		chronic 
				acute	chronic	Aluminum Arsenic		
		D.O. (mg/L)			3.0	Arsenic Beryllium		
odification(s):		рН			3.0	Arsenic		
odification(s): = current condition		pH chlorophyll a (mg/m²)			3.0  150*	Arsenic Beryllium Cadmium Chromium III		
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	9/11 - 5/14	 6.0-9.0	3.0  150* 630	Arsenic Beryllium Cadmium Chromium III Chromium VI		
= current condition	ım,	pH chlorophyll a (mg/m²)	9/11 - 5/14 5/15 - 9/10	 6.0-9.0 	3.0  150*	Arsenic Beryllium Cadmium Chromium III		  
= current condition e of 12/31/2022 ation of dissolved aluminui per, iron, lead, manganese	e, and zinc	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		 6.0-9.0 	3.0  150* 630	Arsenic Beryllium Cadmium Chromium III Chromium VI		
= current condition e of 12/31/2022 ation of dissolved aluminu	e, and zinc achieving	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)		 6.0-9.0  	3.0  150* 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	     	   
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10	 6.0-9.0  	3.0  150* 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	     	   
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganess I toward maintaining and a	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10	 6.0-9.0   	3.0  150* 630 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	     	
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10	 6.0-9.0         	3.0  150* 630 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia	5/15 - 9/10	 6.0-9.0     <b></b> <b>acute</b> 	3.0  150* 630 126 <b>chronic</b>	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	5/15 - 9/10	 6.0-9.0     acute  	3.0  150* 630 126  chronic 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T)		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride	5/15 - 9/10	 6.0-9.0     acute  	3.0  150* 630 126 <b>chronic</b>  	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chloride Chlorine	5/15 - 9/10	 6.0-9.0     acute   	3.0  150* 630 126    	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	5/15 - 9/10	 6.0-9.0     acute   	3.0  150* 630 126 <b>chronic</b>  	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/15 - 9/10	 6.0-9.0         	3.0  150* 630 126  chronic  	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver Uranium		
= current condition e of 12/31/2022 ation of dissolved aluminum per, iron, lead, manganese I toward maintaining and a tandards established for s (mg/m <sup>2</sup> )(chronic) = applies	e, and zinc achieving segments 4a	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Coli (per 100 mL) I Coli (	5/15 - 9/10	 6.0-9.0    acute      	3.0  150* 630 126       	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver Uranium		
	Recreation E Aquatic life indicator goa ite) = e^(0.9789*ln(hardne 572-(ln(hardness)*0.0418: onic) = 3.5 ug/L from 4/1- 5/1-5/31 hardness)-3.909)*(1.1016 0.041838)) from 6/1-3/31 hronic) = Standards are listed on T = Standards are listed on T = Standards are listed on for the Animas River, inclu Classifications Recreation E 5/1	Classifications         Agriculture         Aq Life Cold 1*         Recreation E         :: Aquatic life indicator goal: Brook         ute) = e^(0.9789*ln(hardness)-         572-(in(hardness)*0.041838))         onic) = 3.5 ug/L from 4/1-4/30         5/1-5/31         nardness)-3.909)*(1.101672-         0.041838)) from 6/1-3/31         hronic) = Standards are listed on         Standards are listed on Table 1.         = Standards are listed on Table 1.         = Standards are listed on Table 1.         of the Animas River, including wetland         Classifications         Recreation E       5/15 - 9/10	Classifications       Physic         Agriculture       Agriculture         Aq Life Cold 1*       Temperature °C         Recreation E       D.O. (mg/L)         D.O. (spawning)       pH         chlorophyll a (mg/m²)       E. Coli (per 100 mL)         572-(in(hardness)*0.041838))       From 4/1-4/30         572-(in(hardness)*0.041838))       From 6/1-3/31         htronic) = Standards are listed on       Ammonia         Standards are listed on Table 1.       Boron         = Standards are listed on Table 1.       Chloride         Cyanide       Nitrate         Nitrite       Phosphorus         Sulfate       Sulfate         Sulfate       Sulfate	Classifications       Physical and Biologi         Agriculture       A         Aq Life Cold 1*       Temperature °C         Recreation E       D.O. (mg/L)         D.O. (spawning)       pH         chlorophyll a (mg/m²)       E. Coli (per 100 mL)         572-(in(hardness)*0.041838))       E. Coli (per 100 mL)         5712-(in(hardness)*0.041838))       Inorganic (mg/L)         572-(in(hardness)*0.041838))       Ammonia         5712-(in(hardness)*0.041838))       Form 6/1-3/31         htronic) = 3.5 ug/L from 4/1-4/30       Mamonia         5712-(in(hardness)*0.041838))       Form 6/1-3/31         htronic) = Standards are listed on       Ammonia         Standards are listed on Table 1.       Boron         = Standards are listed on Table 1.       Chloride         Chlorine       Cyanide         Nitrate       Nitrite         Phosphorus       Sulfate         Sulfate       Sulfide         of the Animas River, including wetlands, from a point immediately above the composition of the Animas River, including wetlands, from a point immediately above the composition of the Animas River, including wetlands, from a point immediately above the composition of the Animas River including wetlands, from a point immediately above the composition of the Animas River including wetlands, from a point immediately above the composition of the Animas River	Classifications       Physical and Biological         Agriculture       DM         Aq Life Cold 1*       Temperature °C       CS-I         Recreation E       acute         D.O. (mg/L)          D.O. (mg/L)          pH       6.5 - 9.0         chlorophyll a (mg/m²)          pH       6.5 - 9.0         chlorophyll a (mg/m²)          pH       6.5 - 9.0         chlorophyll a (mg/m²)          pL (0.9789*ln(hardness)-       FC (0 mL)         72-(In(hardness)*0.041838))          ph 6.5 - 9.0       chlorophyll a (mg/m²)         chlorophyll a (mg/m²)          E. Coli (per 100 mL)          Standards are listed on       Boron         standards are listed on Table 1.       Boron         s Standards are listed on Table 1.       Chlorine       0.019         Cyanide       0.005       Nitrate       100         Nitrite        Sulfate          Sulfate        Sulfate          Sulfate        Sulfate          Sulfide        Sulfide	Classifications       Physical and Biological         Agriculture       DM       MWAT         Aq Life Cold 1*       Temperature °C       CS-I       CS-I         Recreation E       acute       chronic         D.O. (mg/L)        6.0         D.O. (mg/L)        6.0         D.O. (mg/L)        6.0         D.O. (spawning)        7.0         pH       6.5 - 9.0          chlorophyll a (mg/m²)        150         E. Coli (per 100 mL)        126         Standards are listed on 4/1-4/30       5/1-5/31       acute       chronic         Atmonia       TVS       TVS       TVS         Standards are listed on Table 1.       Boron           Chloride            Chloride            Chlorine       0.019       0.011       Cyanide       0.005          Nitrite <td>Classifications         Physical and Biological         N           Agriculture         DM         MWAT         MWAT           Aq Life Cold 1*         Temperature *C         CS-I         CS-I         Aluminum(T)           Recreation E         D.O. (mg/L)          6.0         Arsenic           D.O. (mg/L)          6.0         Arsenic(T)         D.O. (spawning)          7.0         Beryllium           pH         6.5 - 9.0          Cadmium         Cadmium         Chronium III         Chronium III</td> <td>Classifications       Physical and Biological       Metals (ug/L)         Agriculture       DM       MWAT       acute         Aq Life Cold 1*       Temperature *C       CS-I       CS-I       Aluminum(T)       750         Recreation E       0.0. (mg/L)        6.0       Arsenic       340         D.O. (mg/L)        6.0       Arsenic (T)        0.0       Beryllium        0.0       Cdamium        0.0       Image: Composition (T)        0.0       Cdamium        0.0       Cadmium        0.0       Cdamium        0.0       Cdamium        0.0       Cdamium        0.0       Cdamium         0.0       Cdamium         Cdamium         Cdamium         Cdamium         Cdamium         Choromium III       TVS        Choromium III       TVS        Choromium III       TVS        Cdamium         Cdamium        Cdamium        Cdamium      </td>	Classifications         Physical and Biological         N           Agriculture         DM         MWAT         MWAT           Aq Life Cold 1*         Temperature *C         CS-I         CS-I         Aluminum(T)           Recreation E         D.O. (mg/L)          6.0         Arsenic           D.O. (mg/L)          6.0         Arsenic(T)         D.O. (spawning)          7.0         Beryllium           pH         6.5 - 9.0          Cadmium         Cadmium         Chronium III         Chronium III	Classifications       Physical and Biological       Metals (ug/L)         Agriculture       DM       MWAT       acute         Aq Life Cold 1*       Temperature *C       CS-I       CS-I       Aluminum(T)       750         Recreation E       0.0. (mg/L)        6.0       Arsenic       340         D.O. (mg/L)        6.0       Arsenic (T)        0.0       Beryllium        0.0       Cdamium        0.0       Image: Composition (T)        0.0       Cdamium        0.0       Cadmium        0.0       Cdamium        0.0       Cdamium        0.0       Cdamium        0.0       Cdamium         0.0       Cdamium         Cdamium         Cdamium         Cdamium         Cdamium         Choromium III       TVS        Choromium III       TVS        Choromium III       TVS        Cdamium         Cdamium        Cdamium        Cdamium

sc=sculpin

D.O. = dissolved oxygen

3c. Arrastra G	alon moluality an indutation and would						
COSJAF03C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		pН	6.5 - 9.0		Cadmium		SSE*
	ute) = e^(0.9789*ln(hardness)- 672-(ln(hardness)*0.041838))	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	SSE*	
*Cadmium(chr	onic) = e^(0.7977*In(hardness)-	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
3.909)^(1.1016	672-(In(hardness)*0.041838))				Chromium III(T)		100
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	0.05		Selenium	TVS	TVS
		Phosphorus		0.11	Silver	TVS	TVS(tr)
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
4a. Mainstem Creek.	of the Animas River, including wetlar	nds, from a point immediately abov	ve the confluence w	vith Mineral C	creek to a point immediately	y above the confluence	e with Deer Park
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	varies*	varies*
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
Temporary Mo				7.0	= =: ;		
	odification(s):	рН	varies*		Cadmium		 SSE*
	odification(s): = current condition	pH chlorophyll a (mg/m <sup>2</sup> )	varies*				 SSE* 
Copper(ac/ch)					Cadmium		
Copper(ac/ch) Expiration Date	= current condition e of 12/31/2022	chlorophyll a (mg/m <sup>2</sup> )			Cadmium Cadmium	 SSE*	
Copper(ac/ch) Expiration Date	= current condition	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)			Cadmium Cadmium Chromium III	 SSE* TVS	 TVS
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table	L. Coli (per 100 mL)			Cadmium Cadmium Chromium III Chromium III(T)	 SSE* TVS 	 TVS 100
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook	L. Coli (per 100 mL)	  ic (mg/L)	  126	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI	 SSE* TVS  TVS	 TVS 100 TVS
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act *Aluminum(chi 1. *Cadmium(act	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Tabl ute) = e^(0.9789*In(hardness)-	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	  ic (mg/L) acute	  126 chronic	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper	 SSE* TVS  TVS TVS	 TVS 100 TVS TVS
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act *Aluminum(chi 1. *Cadmium(act 3.866)*(1.1366 *Cadmium(chr	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Tabl ute) = e^(0.9789*In(hardness)- 372-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)-	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	  ic (mg/L) acute TVS	 126 chronic TVS	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron	 SSE* TVS  TVS TVS 	TVS 100 TVS TVS varies*
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act *Aluminum(chi 1. *Cadmium(act 3.866)*(1.1366 *Cadmium(chr 3.909)*(1.1016	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Tabl ute) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) ronic) = e^(0.7977*In(hardness)- 572-(In(hardness)*0.041838))	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	 ic (mg/L) acute TVS 	 126 chronic TVS 0.75	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead	 SSE* TVS  TVS TVS  TVS	 TVS 100 TVS TVS varies* TVS
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(chi 1. *Cadmium(act 3.866)*(1.1366 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic)	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Tabl ute) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) ronic) = e^(0.7977*In(hardness)- 572-(In(hardness)*0.041838)) = Standards are listed on Table 1.	<ul> <li>chlorophyll a (mg/m<sup>2</sup>)</li> <li>E. Coli (per 100 mL)</li> <li>Inorgani</li> <li>Ammonia</li> <li>Boron</li> <li>Chloride</li> </ul>	 ic (mg/L) acute TVS  	 126 chronic TVS 0.75 	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese	 SSE* TVS  TVS TVS  TVS TVS	TVS 100 TVS TVS varies* TVS TVS
Copper(ac/ch) Expiration Date *Classification Trout *Aluminum(act *Aluminum(chr 1. *Cadmium(act 3.866)*(1.1366 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic) *Zinc(acute) =	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Table ute) = $e^{(0.9789*In(hardness)-672-(In(hardness)*0.041838)))$ onic) = $e^{(0.7977*In(hardness)-672-(In(hardness)*0.041838)))$ = Standards are listed on Table 1. Standards are listed on Table 1.	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani 1. e Ammonia Boron Chloride Chlorine	  ic (mg/L) acute TVS   0.019	 126 <b>chronic</b> TVS 0.75  0.011	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury	 SSE* TVS  TVS TVS TVS TVS TVS	 TVS 100 TVS TVS varies* TVS TVS 0.01(t)
Copper(ac/ch) Expiration Date *Classification: Trout *Aluminum(act *Aluminum(act *Aluminum(act 3.866)*(1.1366 *Cadmium(act 3.866)*(1.1016 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic) *Zinc(acute) = *Zinc(chronic)	<ul> <li>= current condition</li> <li>e of 12/31/2022</li> <li>: Aquatic life indicator goal: Brook</li> <li>ute) = Standards are listed on Table</li> <li>ronic) = Standards are listed on Table</li> <li>ute) = e^{(0.9789*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>ronic) = e^{(0.7977*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>= Standards are listed on Table 1.</li> <li>Standards are listed on Table 1.</li> <li>= Standards are listed on Table 1.</li> </ul>	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 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 	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T)	 SSE* TVS  TVS  TVS TVS  TVS	 TVS 100 TVS TVS varies* TVS TVS 0.01(t) 150
Copper(ac/ch) Expiration Date *Classification: Trout *Aluminum(act *Aluminum(act *Aluminum(act 3.866)*(1.1366 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic) *Zinc(acute) = *Zinc(chronic)	= current condition e of 12/31/2022 : Aquatic life indicator goal: Brook ute) = Standards are listed on Table ronic) = Standards are listed on Table ute) = $e^{(0.9789*In(hardness)-672-(In(hardness)*0.041838)))$ onic) = $e^{(0.7977*In(hardness)-672-(In(hardness)*0.041838)))$ = Standards are listed on Table 1. Standards are listed on Table 1.	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani 1. e Ammonia Boron Chloride Chlorine Cyanide Nitrate	 ic (mg/L) acute TVS  0.019 0.005 100	 126 Chronic TVS 0.75  0.011 	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel	 SSE* TVS  TVS TVS  TVS TVS  TVS	 TVS 100 TVS TVS varies* TVS 0.01(t) 150 TVS
Copper(ac/ch) Expiration Date *Classification: Trout *Aluminum(act *Aluminum(act *Aluminum(act 3.866)*(1.1366 *Cadmium(act 3.866)*(1.1016 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic) *Zinc(acute) = *Zinc(chronic)	<ul> <li>= current condition</li> <li>e of 12/31/2022</li> <li>: Aquatic life indicator goal: Brook</li> <li>ute) = Standards are listed on Table</li> <li>ronic) = Standards are listed on Table</li> <li>ute) = e^{(0.9789*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>ronic) = e^{(0.7977*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>= Standards are listed on Table 1.</li> <li>Standards are listed on Table 1.</li> <li>= Standards are listed on Table 1.</li> </ul>	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 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 	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium	 SSE* TVS  TVS TVS TVS TVS TVS TVS TVS	 TVS 100 TVS TVS varies* TVS TVS 0.01(t) 150 TVS TVS
Copper(ac/ch) Expiration Date *Classification: Trout *Aluminum(act *Aluminum(act *Aluminum(act 3.866)*(1.1366 *Cadmium(act 3.866)*(1.1016 *Cadmium(chr 3.909)*(1.1016 *Iron(chronic) *Zinc(acute) = *Zinc(chronic)	<ul> <li>= current condition</li> <li>e of 12/31/2022</li> <li>: Aquatic life indicator goal: Brook</li> <li>ute) = Standards are listed on Table</li> <li>ronic) = Standards are listed on Table</li> <li>ute) = e^{(0.9789*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>ronic) = e^{(0.7977*In(hardness)- 572-(In(hardness)*0.041838))</li> <li>= Standards are listed on Table 1.</li> <li>Standards are listed on Table 1.</li> <li>= Standards are listed on Table 1.</li> </ul>	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 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  	Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	 SSE* TVS  TVS TVS TVS TVS TVS TVS TVS TVS	 TVS 100 TVS TVS varies* TVS TVS 0.01(t) 150 TVS TVS

4b. Mainstem	of the Animas River, including wetlar	ds, from a point immediately abov	e the confluence w	ith Deer Parl	Creek to Bakers Brido	je (37.458620, -107.799 <sup>2</sup>	194).
COSJAF04B	Classifications	Physical and I				Metals (ug/L)	,
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum(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	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium		SSE*
		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	SSE*	
	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid te of 12/31/2021			120	Chromium III		TVS
·		Inorgani	c (ma/l )		Chromium III(T)	50	
	ute) = e^(0.9789*ln(hardness)- 672-(ln(hardness)*0.041838))	inorgani	acute	chronic	Chromium VI	TVS	TVS
*Cadmium(chr	ronic) = e^(0.7977*In(hardness)-	Ammonia	TVS	TVS	Copper	TVS	TVS
3.909)*(1.1016	672-(In(hardness)*0.041838))	Ammonia			Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011			173
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	0.05		Mercury		0.01(t)
		Phosphorus			Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	of the Animas River, including wetlar	Ĵ,		the Southerr	Zinc	TVS n boundary.	TVS
COSJAF05A	Classifications	ds, from Bakers Bridge (37.45862 Physical and I	Biological		Zinc	TVS n boundary. Metals (ug/L)	
COSJAF05A Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT	Zinc n Ute Indian Reservatio	TVS n boundary. Metals (ug/L) acute	chronic
COSJAF05A	Classifications Agriculture Aq Life Cold 1	Ĵ,	Biological DM CS-II	MWAT CS-II	Zinc Ute Indian Reservatio	TVS n boundary. Metals (ug/L) acute TVS	chronic TVS
COSJAF05A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Zinc Ute Indian Reservatio Aluminum Arsenic	TVS n boundary. Metals (ug/L) acute TVS 340	chronic TVS 
COSJAF05A Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T)	TVS n boundary. Metals (ug/L) acute TVS 340	chronic TVS  0.02
COSJAF05A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium	TVS n boundary. Metals (ug/L) acute TVS 340	chronic TVS  0.02 
COSJAF05A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	<b>MWAT</b> CS-II <b>chronic</b> 6.0 7.0 	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(r)	chronic TVS  0.02  TVS
COSJAF05A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0 	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS n boundary. Metals (ug/L) acute TVS 340  TVS(tr) 5.0	chronic TVS  0.02  TVS 
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	<b>MWAT</b> CS-II <b>chronic</b> 6.0 7.0 	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(tr) 5.0	chronic TVS  0.02  TVS  TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(tr) 5.0 50	chronic TVS  0.02  TVS  TVS 
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0   126	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(tr) 5.0 50 TVS	chronic TVS  0.02  TVS  TVS  TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT           CS-II           chronic           6.0           7.0              126           chronic	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(r) 5.0 50 TVS TVS TVS TVS	chronic TVS  0.02  TVS  TVS  TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS	Zinc Ute Indian Reservatio Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(r) 5.0 50 TVS TVS TVS TVS	chronic TVS  0.02  TVS  TVS  TVS TVS TVS WS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(r) 5.0 50 TVS TVS TVS TVS	chronic TVS  0.02  TVS  TVS TVS TVS TVS S VS U00
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute T∨S  	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS n boundary. Metals (ug/L) acute TVS 340 TVS(r) 5.0 TVS(r) 5.0 TVS 50 TVS TVS TVS TVS TVS TVS	chronic           TVS              0.02              TVS              TVS           TVS           1000           TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS n boundary. Metals (ug/L) acute TVS 340 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	chronic TVS  0.02  TVS  TVS TVS TVS TVS WS 1000 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250	Zinc Ute Indian Reservation Ute Indian Reservation Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS           50           TVS           50           TVS           TVS           S0           TVS           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           TVS           TVS           S0           TVS	Chronic TVS  0.02  TVS  TVS TVS WS 1000 TVS S 1000 TVS 
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Zinc Ute Indian Reservatio	TVS n boundary. Metals (ug/L) acute TVS 340 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	chronic TVS  0.02  TVS  TVS TVS WS 1000 TVS 1000 TVS  TVS WS 0.01(t)
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011 	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS(r)           5.0           TVS(r)           5.0           TVS(r)           TVS(r)           5.0           TVS           50           TVS           S0           TVS           S0           TVS           TVS           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS	chronic TVS  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc Ute Indian Reservatio	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS	chronic TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0  126 126 tVS 0.75 250 0.011  	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS(r)           5.0           TVS(r)           5.0           TVS(r)           TVS(r)           5.0           TVS           50           TVS           S0           TVS           S0           TVS           TVS           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS	chronic TVS  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0  126 126 0.01 TVS 0.75 250 0.011  250 0.011	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              340              TVS           50           TVS           50           TVS           TVS           50           TVS	chronic TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  250 0.011  WS	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS           50           TVS           50           TVS           TVS           50           TVS           TVS	chronic         TVS            0.02            TVS            TVS            TVS            TVS         TVS         TVS         TVS         0.01(t)         150         TVS         100
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  250 0.011  WS	Zinc Ute Indian Reservation Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS           n boundary.           Metals (ug/L)           acute           TVS           340              TVS           340              TVS           50           TVS           TVS           TVS	chronic           TVS              0.02              TVS              TVS              TVS              TVS              TVS              TVS           0.01(t)           150           TVS           100           TVS           100           TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

sc=sculpin

tr=trout

	for the 7 timilao raver, including	wetlands, from the Southern Ute Indian	Reservation bounda	ary (37.2148	80 -107.855102) to Basin	Creek.	
COSJAF05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	Aodification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chron	( )	E. Coli (per 100 mL)		126	Chromium III		TVS
	ate of 12/31/2021				Chromium III(T)	50	
•		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Southern Ute	e Indian Reservation		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium		100(0)
					Zinc	TVS	TVS
5c. Mainstem	of the Animas River, including	wetlands, from Basin Creek to above the	e confluence with th	e Florida Riv		1.00	100
COSJAF05C		Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT			
Reviewable				IVIVAI		acute	chronic
	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	acute TVS	chronic TVS
	Aq Life Cold 1 Recreation E	Temperature °C	CS-II acute		Aluminum Arsenic		
		Temperature °C		CS-II	-	TVS	
Qualifiers:	Recreation E		acute	CS-II chronic	Arsenic Arsenic(T)	TVS 340	TVS
Qualifiers: Other:	Recreation E	D.O. (mg/L)	acute	CS-II chronic 6.0	Arsenic	TVS 340 	TVS
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	TVS 340 	TVS  0.02 
<b>Other:</b> Temporary M	Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH	acute 	CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	TVS 340  TVS(tr)	TVS  0.02 
<b>Other:</b> Temporary M Arsenic(chror	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	acute  6.5 - 9.0 	CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS 340  TVS(tr) 5.0 	TVS  0.02  TVS 
<b>Other:</b> Temporary M Arsenic(chror	Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS 340  TVS(tr) 5.0  50	TVS  0.02  TVS  TVS
Other: Temporary M Arsenic(chror Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0  	CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS 340  TVS(tr) 5.0 	TVS  0.02  TVS TVS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute	CS-II chronic 6.0 7.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 340  TVS(tr) 5.0  50 TVS TVS	TVS  0.02  TVS  TVS TVS TVS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute TVS	CS-II chronic 6.0 7.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 340  TVS(tr) 5.0  50 TVS	TVS  0.02  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0   ic (mg/L) acute TVS 	CS-II chronic 6.0 7.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS 	TVS  0.02  TVS  TVS TVS TVS WS 1000
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0  ic (mg/L) acute TVS 	CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS  0.02  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0   ic (mg/L) acute TVS   0.019	CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50	TVS  0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	CS-II chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS	TVS  0.02  TVS  TVS  TVS WS 1000 TVS  TVSWS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) ic (mg/L) acute TVS  0.019 0.005 10	CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t)
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   ic (mg/L) ic (mg/L) ic (ng/L) 0.019 0.005 10 0.05	CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011   1.25 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011    	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0  126 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS 340  TVS(tr) 5.0 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011    	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 150 TVS 100
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0  126 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS
Other: Temporary M Arsenic(chror Expiration Da	Addification(s): hic) = hybrid ate of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.005 10	CS-II chronic 6.0 7.0  126 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 150 TVS 100

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

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen

COSJAF05D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni	( )	E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
***		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
"Southern Ute	Indian Reservation		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSJAF06	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	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium		SSE*
Temporarv N	Nodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	SSE*	
Arsenic(chror		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Expiration Da	ite of 12/31/2021				Chromium III		TVS
*Cadmium(ac	cute) = e^(0.9789*In(hardness)-	Inorgan	ic (mg/L)		Chromium III(T)	50	
3.866)*(1.1 <sup>`</sup> 36	672-(In(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
	nronic) = e^(0.7977*ln(hardness)- 672-(ln(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	0.05		Mercury		0.01(t)
		Phosphorus		0.11	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

7. Mainstem o	f Cement Creek, including all tributaries	s, and wetlands, from the source to the	confluence	with the Anim	as River.		
COSJAF07	Classifications	Physical and Biologi	cal		Metal	ls (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic(T)		100
Other:		D.O. (mg/L)		3.0	Beryllium(T)		100
		рН	3.7-9.0		Cadmium(T)		10
	ation of dissolved aluminum, per, iron, lead, manganese, and zinc	chlorophyll a (mg/m <sup>2</sup> )		150	Chromium III(T)		100
that is directed	toward maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI(T)		100
water quality s and 4b.	standards established for segments 4a	Inorganic (mg/l	L)		Copper(T)		200
			acute	chronic	Iron		
		Ammonia			Lead(T)		100
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum(T)		150
		Cyanide	0.2		Nickel(T)		200
		Nitrate	100		Selenium(T)		20
		Nitrite	10		Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc(T)		2000
		Sulfide					

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

COSJAF08	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic(T)		100
Other:		D.O. (mg/L)		3.0	Beryllium(T)		100
		pН	4.5-9.0		Cadmium(T)		10
	ation of dissolved aluminum, per, iron, lead, manganese, and zinc	chlorophyll a (mg/m <sup>2</sup> )		150	Chromium III(T)		100
that is directed	toward maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI(T)		100
water quality s and 4b.	standards established for segments 4a	Inorganic	(mg/L)		Copper(T)		200
			acute	chronic	Iron		
		Ammonia			Lead(T)		100
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum(T)		150
		Cyanide	0.2		Nickel(T)		200
		Nitrate	100		Selenium(T)		20
		Nitrite	10		Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc(T)		2000
		Sulfide					

sc=sculpin

,	of Milleral Creek, including wetlands, in	om immediately above the conflue	ence with South M	ineral Creek	to the confluence with	the Animas River.	
COSJAF09	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2*	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	varies*		Cadmium		SSE*
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	SSE*	
	a: Aquatic Life indicator goal: prates; Brook Trout corridor	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*Aluminum(ch	ironic) = Standards are listed on Table				Chromium III	TVS	TVS
	ute) = e^(0.9789*In(hardness)-	Inorganic	: (mg/L)		Chromium III(T)	50	
	672-(ln(hardness)*0.041838)) ronic) = e^(0.7977*ln(hardness)-		acute	chronic	Chromium VI	TVS	TVS
3.909)*(1.1016	672-(In(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	varies*
*Copper(chron	nic) = Standards are listed on Table 1.	Boron		0.75	Iron		varies*
. ,	= Standards are listed on Table 1.	Chloride		250	Iron		WS
( ,	= Standards are listed on Table 1.	Chlorine	0.019	0.011	Lead	TVS	TVS
*pH(acute) = S	Standards are listed on Table 1.	Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	0.05		Mercury		0.01(t)
		Phosphorus		0.11	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	varies*
10a. Mainsterr	n of the Florida River from the boundar	y of the Weminuche Wilderness A	Area to the inlet of	Lemon Rese	ervoir.		
COSJAF10A	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
1							
l	Recreation E		acute	chronic	Arsenic	340	
	Recreation E Water Supply	D.O. (mg/L)	acute		Arsenic Arsenic(T)		0.02
Qualifiers:		D.O. (mg/L) D.O. (spawning)		chronic		340	
Qualifiers: Other:				chronic 6.0	Arsenic(T)	340	0.02
	Water Supply	D.O. (spawning)		<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium	340 	0.02
Other: Temporary Me	Water Supply	D.O. (spawning) pH	  6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium Cadmium	340  TVS(tr)	0.02  TVS
Other: Temporary Mo Arsenic(chroni	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	  6.5 - 9.0	<b>chronic</b> 6.0 7.0  150	Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS(tr) 5.0	0.02  TVS 
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	 6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS(tr) 5.0 	0.02  TVS  TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS(tr) 5.0  50	0.02  TVS  TVS 
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0  	chronic 6.0 7.0  150 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS(tr) 5.0  50 TVS	0.02  TVS  TVS  TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	 6.5 - 9.0   : (mg/L) acute	chronic 6.0 7.0  150 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS  TVS TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	 6.5 - 9.0  : (mg/L) acute TVS	chronic           6.0           7.0           150           126           chronic           TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	 6.5 - 9.0  : (mg/L) acute TVS 	chronic         6.0         7.0         150         126         chronic         TVS         0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS(tr) 5.0  50 TVS TVS 	0.02  TVS  TVS TVS VVS WS 1000
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	 6.5 - 9.0  : (mg/L) acute TVS 	chronic           6.0           7.0              150           126           chronic           TVS           0.75           250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS(tr) 5.0  50 TVS TVS  	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	 6.5 - 9.0  (mg/L) acute T\\S   0.019	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	chronic           6.0           7.0              150           126           chronic           TVS           0.75           250           0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVSWS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0   (mg/L) acute TVS  0.019 0.005 10 0.05	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS  TVS WS 1000 TVS  TVSWS 0.01(t) 150
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  (mg/L) acute T\\S  0.019 0.005 10 0.05 10	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011   0.11	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS 0.00 TVS  TVS/WS 0.01(t) 150 TVS
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Other: Temporary Mo Arsenic(chroni	Water Supply lodification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

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

D.O. = dissolved oxygen

tr=trout sc=sculpin

t = total

100 Mainster	n of the Florida River from the outlet of	Lemon Reservoir to the Florida Fa	armers Canal He	adoate (37.2	95157 -107 791794)		
	Classifications	Physical and Bi				Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	adification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021	. ,			Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5).		acute	chronic	Copper	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the $at 34.5(5)$	Ammonia	TVS	TVS	Iron		WS
lacinities listeu	at 54.5(5).	Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium		
					oranium		
					Zinc	TVS	TVS/TVS(sc)
11a. Mainsterr	n of the Florida River from the Florida F	armers Canal Headgate (37.2951	57, -107.791794	) to the Sout	Zinc hern Ute Indian Reserv	TVS vation boundary (37.214	TVS/TVS(sc) 724, -107.746734).
	n of the Florida River from the Florida R	Farmers Canal Headgate (37.2951 Physical and Bi		) to the Sout			. ,
				) to the Sout		vation boundary (37.214	. ,
COSJAF11A	Classifications		ological			vation boundary (37.214 Metals (ug/L)	724, -107.746734).
COSJAF11A Designation	Classifications Agriculture	Physical and Bi	ological DM	MWAT	hern Ute Indian Reserv	vation boundary (37.214 Metals (ug/L) acute	724, -107.746734).
COSJAF11A Designation	Classifications Agriculture Aq Life Cold 1	Physical and Bi	ological DM CS-II	MWAT CS-II	hern Ute Indian Reserv	vation boundary (37.214 Metals (ug/L) acute 	724, -107.746734). chronic 
COSJAF11A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bi	ological DM CS-II acute	MWAT CS-II chronic	hern Ute Indian Reserv Aluminum Arsenic	vation boundary (37.214 Metals (ug/L) acute  340	724, -107.746734). chronic 
COSJAF11A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bi Temperature °C D.O. (mg/L)	ological DM CS-II acute 	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	vation boundary (37.214 Metals (ug/L) acute  340 	724, -107.746734). chronic   0.02
COSJAF11A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning)	ological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Aluminum Arsenic Arsenic(T) Beryllium	vation boundary (37.214 Metals (ug/L) acute  340  	724, -107.746734). chronic   0.02 
COSJAF11A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH	ological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr)	724, -107.746734). chronic  0.02  TVS
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	ological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0	724, -107.746734). chronic  0.02  TVS 
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	ological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0 	724, -107.746734). chronic  0.02  TVS  TVS 
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	ological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50	724, -107.746734). chronic  0.02  TVS  TVS  TVS 
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	ological DM CS-II acute  6.5 - 9.0  (mg/L)	MWAT CS-II chronic 6.0 7.0   126	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute	MWAT CS-II chronic 6.0 7.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS  TVS 
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              126           chronic           Chronic	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS  TVS WS
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126 chronic TVS 0.75	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS TVS TVS SVS WS 1000
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  TVS	MWAT CS-II chronic 6.0 7.0  126 chronic TVS 0.75 250	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	vation boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	724, -107.746734). chronic  0.02  TVS TVS  TVS TVS TVS WS 1000 TVS
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	ration boundary (37.214 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50	724, -107.746734). chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	ological DM CS-II acute  6.5 - 9.0  (mg/L) (mg/L) TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	vation boundary (37.214           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              50           TVS              50           TVS              50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	724, -107.746734). chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  126  126  126  126 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Vation boundary (37.214           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           5.0              TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  TVS WS 0.01(t)
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Vation boundary (37.214           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           S.0           TVS	724, -107.746734). Chronic  0.02  TVS  TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t) 150
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  250 0.011  WS	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	vation boundary (37.214           Metals (ug/L)           acute              340              340              TVS(tr)           50           TVS           TVS           S0           S0           S0           S0           S0 <td>724, -107.746734). Chronic   0.02  TVS TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100</td>	724, -107.746734). Chronic   0.02  TVS TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011   	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	vation boundary (37.214           Metals (ug/L)           acute              340              340              TVS(tr)           50           TVS           TVS           S0           TVS	724, -107.746734). chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS
COSJAF11A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  250 0.011  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	vation boundary (37.214           Metals (ug/L)           acute           TVS(tr)           acute	724, -107.746734). Chronic   0.02  TVS TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen

11b. Mainstem	of the Florida River from the Southern	Ute Indian Reservation boundary	(37.214724, -10	7.746734) to	the confluence with the	e Animas River.	
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
		Inorganic (	mg/L)		Chromium VI	TVS	TVS
*Southern Ute	Indian Reservation		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		ounido		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
11c. All tributa	aries to the Florida River from the South	hern Ute Indian Reservation bound	ary to the conflu	ence with the	e Animas River.		
	aries to the Florida River from the South	hern Ute Indian Reservation bound Physical and Bic	-	ence with the	e Animas River.	Metals (ug/L)	
COSJAF11C			-	ence with the	e Animas River.	Metals (ug/L) acute	chronic
COSJAF11C Designation	Classifications		ological		e Animas River. Aluminum	,	chronic 
COSJAF11C Designation Reviewable	Classifications Agriculture	Physical and Bic	blogical DM	MWAT		acute	chronic 
COSJAF11C Designation Reviewable	<b>Classifications</b> Agriculture Aq Life Cold 2	Physical and Bic	Dogical DM CS-II	MWAT CS-II	Aluminum	acute	
COSJAF11C Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Bic Temperature °C	Dogical DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute  340	
COSJAF11C Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Bic Temperature °C D.O. (mg/L)	Diogical DM CS-II acute 	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	
COSJAF11C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning)	Dogical DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH	Diogical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	  0.02 
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Diogical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Diogical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish 3 Other: Temporary Mo Arsenic(chroni Expiration Date	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Diogical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Dato *Southern Ute	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	blogical DM CS-II acute  6.5 - 9.0  mg/L) acute	MWAT CS-II chronic 6.0 7.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Diffication(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5).	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia	Diogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	blogical DM CS-II acute  6.5 - 9.0  mg/L) acute	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	Diogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS TVS WS 1000
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	Alogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS  TVS  0.019	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	blogical DM CS-II acute  6.5 - 9.0  mg/L) mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	blogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0  150* 126 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011   0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  0.019 0.005 10 0.005 10 0.055         0.019 0.005   	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011   0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS TVS  TVS 50 TVS  TVS	0.02 TVS
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  0.019 0.005 10 0.005 10 0.055         0.019 0.005   	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	0.02 0.1 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.1 0.2 0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0
COSJAF11C Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Southern Ute *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 Indian Reservation (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	blogical DM CS-II acute  6.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  (.5 - 9.0  0.019 0.005 10 0.005 10 0.055         0.019 0.005   	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS TVS  TVS 50 TVS  TVS	0.02 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

	s in Segments 12h 12c and 15 All trib	nmediately above the confluen utaries to the Florida River from					
Segment 1.		1					isting in
	Classifications	Physical and	-			Metals (ug/L)	<u> </u>
-	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
0	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 34.5(5).		acute	chronic	Copper	TVS	TVS
*Phosphorus(c facilities listed	chronic) = applies only above the at 34.5(5).	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium		100(0)
					Zinc	TVS	TVS
12b. Lemon R	esenvoir				ZIIIC	173	173
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation							
Reviewable	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	CLL	MWAT CLL	Aluminum	acute	chronic
	- *	Temperature °C			Aluminum Arsenic		chronic 
	Aq Life Cold 1		CLL	CLL	Arsenic		
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CLL acute	CLL chronic	Arsenic Arsenic(T)	 340	
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CLL acute 	CLL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	 340 	  0.02 
	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CLL acute	CLL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	 340  TVS(tr)	 0.02  TVS
Qualifiers: Other: *chlorophyll a	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CLL acute  6.5 - 9.0	CLL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS(tr) 5.0	 0.02  TVS 
Qualifiers: Other: *chlorophyll a and reservoirs	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH	CLL acute  6.5 - 9.0	CLL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CLL acute   6.5 - 9.0 	CLL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CLL acute  6.5 - 9.0  hic (mg/L)	CLL chronic 6.0 7.0  8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS 
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	CLL acute  6.5 - 9.0  hic (mg/L) acute	CLL chronic 6.0 7.0  8* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	CLL acute  6.5 - 9.0  nic (mg/L) acute TVS	CLL chronic 6.0 7.0  8* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	CLL acute  6.5 - 9.0  hic (mg/L) acute	CLL chronic 6.0 7.0  8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CLL acute  6.5 - 9.0  hic (mg/L) acute TVS 	CLL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	CLL acute  6.5 - 9.0  hic (mg/L) acute TVS 	CLL chronic 6.0 7.0  8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CLL acute  6.5 - 9.0  hic (mg/L) acute TVS 	CLL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CLL acute   6.5 - 9.0    nic (mg/L) TVS   0.019	CLL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CLL acute  6.5 - 9.0  ( () ( () ( () ( ()	CLL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CLL acute  6.5 - 9.0  nic (mg/L) acute T∨S  0.019 0.005 10	CLL chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CLL acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10 0.005	CLL chronic 6.0 7.0 8* 126 0 0 chronic TVS 0.75 250 0.011  1  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CLL acute  6.5 - 9.0  (  nic (mg/L) acute TVS  0.019 0.005 10 0.05 10	CLL 6.0 7.0 4.2 126 0.1 Chronic Chronic 1250 0.011 0.015 1250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	CLL acute   6.5 - 9.0    nic (mg/L) acute T\\S  0.019 0.005 10 0.005 10 0.05 10	CLL 6.0 7.0 8* 126 8* 0.75 0.75 250 0.011 0.011  0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	CLL acute   6.5 - 9.0    nic (mg/L) acute T\\S  0.019 0.005 10 0.005 10 0.05 10	CLL 6.0 7.0 8* 126 8* 0.75 0.75 250 0.011 0.011  0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS 1000 TVS TVS.WS 0.01(t) 150 TVS 100 TVS 1

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen

T = total recoverable

t = total tr=trout

sc=sculpin

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.	
COSJAF12C	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic (	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
1		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(tr)
					Uranium		
					Zinc	TVS	TVS
	n of Junction Creek, including all trib	utaries, from the source to the U.S. Fo	orest Boundary.	Mainstom of	Ealls Creek including all t	ributaries from the so	urce to the
	the three Australians Division				Tails Creek, including and		
	th the Animas River.	-	-		-		
COSJAF12D	Classifications	Physical and Bio	ological		-	Metals (ug/L)	
COSJAF12D Designation	Classifications Agriculture	Physical and Bio	ological DM	MWAT			chronic
COSJAF12D	Classifications	-	Diogical DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute 	chronic 
COSJAF12D Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Bio	ological DM	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic 
COSJAF12D Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L)	ological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340	chronic 
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Diogical DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	<b>chronic</b>  0.02 
COSJAF12D Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Diogical DM CS-I acute	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340  TVS(tr)	chronic  0.02  TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m <sup>2</sup> )	Diogical DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340 	chronic  0.02  TVS 
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Diogical DM CS-I acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS  TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)	Dological DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m <sup>2</sup> )	blogical DM CS-I acute  6.5 - 9.0  (mg/L)	MWAT CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS  TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	Dological DM CS-I acute  6.5 - 9.0  (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio     Temperature °C     D.O. (mg/L)     D.O. (spawning)     pH     chlorophyll a (mg/m <sup>2</sup> )     E. Coli (per 100 mL)     Inorganic (     Ammonia	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS	MWAT           CS-I           chronic           6.0           7.0           126           chronic           TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute  340  T√S(tr) 5.0  50 T√S	chronic  0.02  TVS  TVS  TVS TVS WS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS 	MWAT           CS-I           chronic           6.0           7.0           120           126           chronic           TVS           0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	chronic  0.02  TVS  TVS  TVS TVS TVS S VS USS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  TVS  0.019	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS           50           TVS           50           50	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chloride         Chlorine         Cyanide	blogical DM CS-1 acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio     Temperature °C     Temperature °C     D.O. (mg/L)     D.O. (spawning)     pH     chlorophyll a (mg/m <sup>2</sup> )     E. Coli (per 100 mL)     Torganic (     Ammonia     Boron     Chloride     Chlorine     Cyanide     Nitrate	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 120 120 120 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS S TVS WS 1000 TVS WS 1000 TVS S S 0.01(t)
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05	MWAT CS-I chronic 6.0 7.0 120 120 126 Chronic TVS 0.75 250 0.011  100 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS  50 TVS 50 TVS  TVS   TVS  	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute (mg/L) 0.019 0.005 10 0.05 10	MWAT           CS-I           chronic           6.0           7.0           150           126           VS           0.75           250           0.011              0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS         50         TVS         TVS         50         TVS         50         TVS            TVS            TVS            TVS            TVS               TVS         50         TVS         50         TVS   -	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	blogical DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CS  0.019 0.005 10 0.005 10 0.05 	MWAT           CS-I           chronic           6.0           7.0           150           126           0.75           250           0.011              0.11              0.11           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0 1VS 50 TVS 4 50 TVS	chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	blogical DM CS-I acute  6.5 - 9.0  (mg/L) acute (mg/L) 0.019 0.005 10 0.05 10	MWAT           CS-I           chronic           6.0           7.0           150           126           VS           0.75           250           0.011              0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  1000 TVS  1000 TVS  100 TVS
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	blogical DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CS  0.019 0.005 10 0.005 10 0.05 	MWAT           CS-I           chronic           6.0           7.0           150           126           0.75           250           0.011              0.11              0.11           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            TVS(tr)         5.0            50         TVS         TVS            TVS            TVS         50         TVS            TVS	chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
COSJAF12D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	blogical DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CS  0.019 0.005 10 0.005 10 0.05 	MWAT           CS-I           chronic           6.0           7.0           150           126           0.75           250           0.011              0.11              0.11           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  1000 TVS  1000 TVS  100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

13a. Mainsterr	of Junction Creek including all tributa	ries, from the U.S. Forest Boundary to	the confluen	ce with Anim	as River.			
COSJAF13A	Classifications	Physical and Biolog	jical		M	etals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Water + Fish	Standards	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS	
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0		
Temporary Modification(s):		E. Coli (per 100 mL)		126	Chromium III		TVS	
Arsenic(chronic) = hybrid					Chromium III(T)	50		
Expiration Date of 12/31/2021		Inorganic (mg/L)		Chromium VI	TVS	TVS		
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		WS	
		Boron		0.75	lron(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		0.01(t)	
		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(tr)	
					Uranium			
					Zinc	TVS	TVS	
listings in Segr		nmediately below the confluence with rributaries to the Florida River, from a p Segment 13d.						
	Classifications	Physical and Biolog	jical		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		

		acute	chronic	Arsenic	340	
Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	D.O. (spawning)		7.0	Beryllium		
Water + Fish Standards	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Temporary Modification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chronic) = hybrid				Chromium III(T)	50	
Expiration Date of 12/31/2021	Inorgan	Inorganic (mg/L)		Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron		WS
	Boron		0.75	lron(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		0.01(t)
	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(tr)

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen

T = total recoverable t = total

tr=trout

sc=sculpin

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

Uranium

Zinc

TVS

----

TVS

13c. Mainsterr	n of the unnamed tributary to Coal Guic	h which crosses Highway 160 at (37	.267877, -107.9	961598) fron	n the source to the confluence	e with Coal Gulch.		
COSJAF13C	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6	
Fish Ingestio	n	D.O. (spawning)		7.0	Beryllium			
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS	
Discharger Sp	ecific Variance(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Chromium III		TVS	
• •	h) = TVS:15 mg/L	E. Coli (per 100 mL)		126	Chromium III(T)	50		
	e of 12/31/2024				Chromium VI	TVS	TVS	
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 34.5(5). *Phosphorus(chronic) = applies only above the facilities listed at 34.5(5). *Variance: Ammonia = see 34.6(4) for details.		Inorganic (mg/L)			Copper	TVS	TVS	
			acute	chronic	lron(T)		1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron		0.75	Manganese	TVS	TVS	
		Chloride		250	Mercury		0.01(t)	
		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(tr)	
		Phosphorus		0.11*	Uranium			
		Sulfate			Zinc	TVS	TVS	
		Sulfide		0.002				
13d. Brice Dra	w, including all tributaries, from its sou	rce to the Southern Ute Indian Reser	vation Bounda	ry.				
COSJAF13D	Classifications	Physical and Biol	ogical		M	etals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Recreation E				Aluminum			
Qualifiers:			acute	chronic	Arsenic(T)		100	
Other:		D.O. (mg/L)					100	
Other:		D.O. (mg/L)		3.0	Beryllium(T)		100	
		pH	 6.5 - 9.0	3.0	Beryllium(T) Cadmium(T)			
	$(mg/m^2)$ (chronic) = applies only above sted at 34 5(5)				,		100	
	(mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5).	pН	6.5 - 9.0		Cadmium(T)		100 10	
		pH chlorophyll a (mg/m <sup>2</sup> )	6.5 - 9.0  	 150*	Cadmium(T) Chromium III(T)		100 10 100	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	6.5 - 9.0  	 150*	Cadmium(T) Chromium III(T) Chromium VI(T)		100 10 100 100	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	6.5 - 9.0  ng/L)	 150* 126	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T)		100 10 100 100 200	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m	6.5 - 9.0  ng/L)	 150* 126 chronic	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron		100 10 100 200 	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia	6.5 - 9.0  ng/L) acute 	 150* 126 chronic 	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T)	     	100 10 100 200  100	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	6.5 - 9.0  ng/L) acute 	 150* 126 chronic 	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese	     	100 10 100 200  100	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	6.5 - 9.0  ng/L) acute  	 150* 126 <b>chronic</b>  0.75 	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury		100 10 100 200  100 	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	6.5 - 9.0  ng/L) acute  	 150* 126 <b>chronic</b> 0.75 	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T)		100 10 100 200  100  150	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  ng/L) acute    0.2	 150* 126 <b>chronic</b>  0.75  	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel(T)		100 10 100 200  100  150 200	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  ag/L) acute   0.2 100	 150* 126 <b>chronic</b>  0.75   	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel(T) Selenium(T)		100 10 100 200  100  150 200 20	
		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  ag/L) acute   0.2 100 10	 150* 126 <b>chronic</b> 0.75   	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel(T) Selenium(T) Silver		100 10 100 200  100  150 200 20 	

13e All tributa	aries to the Animas River from t	the Southern Lite Indian Reservation hou	indary to below the	confluence v	with Basin Creek		
	Classifications	Physical and	,	Somuence (	Man Dasin Oleen.	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Temporary M	lodification(s);	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron					Chromium III(T)	50	
	te of 12/31/2021	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
*Southern Ute	e Indian Reservation	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Galilae		0.002	Silver	TVS	TVS(tr)
					0		
					Uranium		
					Uranium Zinc	 TVS	 TVS
13f. All tributa	ries to the Animas River from b	pelow the confluence with Basin Creek to	the Colorado/New	Mexico bord	Zinc	TVS	 TVS
13f. All tributa COSJAF13F	ries to the Animas River from b	below the confluence with Basin Creek to Physical and		Mexico bord	Zinc	TVS	
				Mexico bord	Zinc	TVS s 11b and 11c.	
COSJAF13F	Classifications		Biological		Zinc	TVS is 11b and 11c. Metals (ug/L)	TVS
COSJAF13F Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc ler, except for Segment	TVS s 11b and 11c. Metals (ug/L) acute	TVS
COSJAF13F Designation	Classifications Agriculture Aq Life Cold 2	Physical and	Biological DM CS-II	MWAT CS-II	Zinc ler, except for Segment Aluminum	TVS s 11b and 11c. Metals (ug/L) acute 	TVS chronic 
COSJAF13F Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Zinc ler, except for Segment Aluminum Arsenic	TVS s 11b and 11c. Metals (ug/L) acute  340	TVS chronic 
COSJAF13F Designation Reviewable	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	Zinc ler, except for Segment Aluminum Arsenic Arsenic(T)	TVS s 11b and 11c. Metals (ug/L) acute  340 	TVS chronic 
COSJAF13F Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 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	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium	TVS is 11b and 11c. Metals (ug/L) acute  340  	TVS chronic  0.02 
COSJAF13F Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	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 	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS is 11b and 11c. Metals (ug/L) acute  340  TVS(tr)	TVS chronic  0.02  TVS
COSJAF13F 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/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	Zinc ler, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0	TVS chronic  0.02  TVS 
COSJAF13F Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	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/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS chronic  0.02  TVS  TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSJAF13F Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	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	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              150           126           chronic           TVS	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS is 11b and 11c. Metals (ug/L) acute  340  TVS(r) 5.0  50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS  XVS WS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	TVS chronic  0.02  TVS  TVS  TVS WS 1000
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS s 11b and 11c. Metals (ug/L) acute acute acute acute acute browned	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  150 126 chronic TVS 0.75 250 0.011	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS s 11b and 11c. Metals (ug/L) acute  340  TVS(tr) 5.0  TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS VS VS 1000 TVS 
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) c (mg/L) acute T√S  0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS  s 11b and 11c.  Metals (ug/L)  acute   340   340   TVS(tr)  5.0   50  TVS  TVS  TVS  TVS  50  50  5	TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS  s 11b and 11c.  Metals (ug/L)  acute  340  340  TVS(r)  5.0  50  TVS  50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50	TVS  chronic  0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 0.005	MWAT CS-II chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011  	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS s 11b and 11c. Metals (ug/L) acute acu	TVS           chronic              0.02              TVS           0.01(t)           150
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  ic (mg/L) acute TVS  0.019 0.005 10 0.05 10	MWAT CS-II chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011   0.11	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS s 11b and 11c. Metals (ug/L) acute acute acute acute acute acute browned acute a	TVS           chronic              0.02              TVS           0.01(t)           150           TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS s 11b and 11c. Metals (ug/L) acute acute acute acute acute acute browned acute a	TVS           chronic              0.02              TVS           TVS
COSJAF13F Designation Reviewable Qualifiers: Water + 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 12/31/2021	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc er, except for Segment Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS s 11b and 11c. Metals (ug/L) acute acu	TVS           chronic              0.02              TVS           1000           TVS           0.01(t)           150           TVS           100           TVS           100           TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout sc=sculpin

D.O. = dissolved oxygen

14a. Mainsten	n of Lightner Creek, including all tributa	aries, from the source to below the c	onfluence with L	Deep Creek.			
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
•		Inorganic (	mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
				0.002	Silver	TVS	TVS(tr)
							( )
					Uranium		
					Uranium Zinc	 TVS	TVS
14b. Mainsterr	n of Lightner Creek from below the con	fluence with Deep Creek to the con	fluence with the	Animas Rive	Zinc		TVS
	n of Lightner Creek from below the con Classifications	fluence with Deep Creek to the con Physical and Bic		Animas Rive	Zinc		TVS
COSJAF14B				Animas Rive MWAT	Zinc	TVS	TVS
COSJAF14B	Classifications		logical		Zinc	TVS Metals (ug/L)	
COSJAF14B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic	logical DM	MWAT	Zinc r.	TVS Metals (ug/L) acute	
COSJAF14B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Bic	logical DM CS-II	MWAT CS-II	Zinc r. Aluminum	TVS Metals (ug/L) acute 	chronic 
COSJAF14B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic	logical DM CS-II acute	MWAT CS-II chronic	Zinc r. Aluminum Arsenic	TVS Metals (ug/L) acute  340	chronic 
COSJAF14B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic Temperature °C D.O. (mg/L)	logical DM CS-II acute 	MWAT CS-II chronic 6.0	Zinc er. Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340 	chronic   0.02
COSJAF14B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning)	logical DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc er. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340  	chronic  0.02 
COSJAF14B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH	Diogical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc er. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS(tr)	chronic  0.02  TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Diogical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Zinc pr. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	logical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Zinc zr. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS  TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5).	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	logical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Zinc ar. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Diogical DM CS-II acute  6.5 - 9.0  mg/L)	MWAT CS-II chronic 6.0 7.0  150* 126	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Arsenic Arsenic Chromium III Chromium III Chromium VI	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	Alogical DM CS-II acute  6.5 - 9.0  mg/L) acute	MWAT CS-II chronic 6.0 7.0  150* 126 chronic	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Arsenic Arsenic C Arsenic (T) Beryllium Cadmium Cadmium Cadmium Chromium III Chromium III Chromium VI Copper	TVS  Metals (ug/L)  acute  340  TVS(tr)  5.0  50 TVS  TVS	chronic  0.02  TVS  TVS  TVS TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia	Diogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              150*           126           chronic           TVS	Zinc Zinc T. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         S0         TVS         S0         TVS         TVS         TVS	chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	blogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75	Zinc Zinc T. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS  Metals (ug/L)  acute  340  340  50  TVS(tr) 5.0  50 TVS TVS TVS 50	chronic  0.02  TVS  TVS TVS TVS TVS S TVS S S S S S S S S S
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	Alogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS  Metals (ug/L)  acute  340	chronic  0.02  TVS  TVS TVS TVS TVS S VS 1000 TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	Alogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS  TVS  0.019	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250 0.011	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Arsenic Arsenic (T) Beryllium Cadmium Cadmium (T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Lead Lead(T)	TVS  Metals (ug/L)  acute   340   340   TVS(tr)  5.0   50  TVS  TVS  TVS  TVS  TVS  TVS  50  TVS  50   TVS  50  50  50  TVS  50  50	chronic  0.02  TVS  TVS TVS TVS TVS WS 1000 TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	Alogical DM CS-II acute  6.5 - 9.0  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 	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic (T) Beryllium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium (T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron Lead Lead (T) Manganese	TVS       Metals (ug/L)       acute          340          340          50       TVS       50       TVS       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS 1000 TVS 
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	Alogical DM CS-II acute  6.5 - 9.0  () mg/L) acute TVS  0.019 0.005 10	MWAT           CS-II           chronic           6.0           7.0           150*           126           chronic           TVS           0.75           250           0.011	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic (T) Beryllium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium (T) Chromium III Chromium III Chromium VI Copper Iron Iron Iron Lead Lead (T) Manganese Mercury	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS         50         TVS         TVS         50         TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t)
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Alogical DM CS-II acute  6.5 - 9.0  () mg/L) acute TVS  0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Arsenic Arsenic C Arsenic T Seryllium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Chromium III Chromium III Chromium VI Copper Iron Iron Iron Lead Lead Lead Lead Manganese Mercury Molybdenum (T)	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS         50         TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Alogical DM CS-II acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 0.05 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011*	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic Carsenic Carsenic Commun Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Chromium IIII Chromium III Chromium IIII Chromium III Chromium	TVS       Metals (ug/L)       acute          340          340          50       TVS       50       TVS       TVS       50       TVS       50       TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Alogical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ()  0.01 0.005 10 0.05   	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Zinc Zinc T. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS         Metals (ug/L)         acute            340            340            340            50         TVS         TVS         50         TVS         TVS <t< td=""><td>Chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100</td></t<>	Chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
COSJAF14B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Alogical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ()  0.01 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.011* WS	Zinc Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute          340          340          50       TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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15. Mainstem	of Purgatory Creek from the source to	Cascade Creek, Obuiding Creek in			R, and reary Draw norm in		
COSJAF15	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	·	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
		, , , , , , , , , , , , , , , , , , ,			Chromium III(T)	50	
		Inorganic (	ma/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
				WS	Nickel(T)		100
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	
							TVS(tr)
					Uranium		 T\/S
16. All lakes a	nd reservoirs tributary to the Animas F	River and Florida River which are wit	hin the Weminu	che Wilderne	Zinc	TVS	TVS
Reservoir, Em	nd reservoirs tributary to the Animas F erald Lake, Ruby Lake, Balsam Lake,				Zinc ess Area. This segment in	TVS ncludes Lillie Lake, Cas	
Reservoir, Em COSJAF16	erald Lake, Ruby Lake, Balsam Lake, Classifications		lo Lake, Highlan Iogical	d Mary Lake	Zinc ess Area. This segment in	TVS ncludes Lillie Lake, Cas	tilleja Lake, City
Reservoir, Em COSJAF16 Designation	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture	Garfield Lake, Vestal Lake, Eldorad Physical and Bio	lo Lake, Highlan Iogical DM	d Mary Lake	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak	TVS ncludes Lillie Lake, Cas ke, and Crater Lake.	
Reservoir, Em COSJAF16	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1	Garfield Lake, Vestal Lake, Eldorad	lo Lake, Highlan Iogical DM CL	MWAT CL	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute 	tilleja Lake, City
Reservoir, Em COSJAF16 Designation	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C	lo Lake, Highlan Iogical DM	MWAT CL Chronic	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute	tilleja Lake, City
Reservoir, Em COSJAF16 Designation OW	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1	Garfield Lake, Vestal Lake, Eldorad Physical and Bio	lo Lake, Highlan Iogical DM CL	MWAT CL Chronic 6.0	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute 	tilleja Lake, City chronic 
Reservoir, Em COSJAF16 Designation	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning)	lo Lake, Highlan logical DM CL acute 	MWAT CL Chronic	Zinc ss Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute  340	tilleja Lake, City chronic 
Reservoir, Em COSJAF16 Designation OW	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L)	lo Lake, Highlan logical DM CL acute 	MWAT CL Chronic 6.0	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T)	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute  340 	tilleja Lake, City chronic  0.02
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other:	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	lo Lake, Highlan logical DM CL acute 	MWAT CL Chronic 6.0 7.0	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic Beryllium	TVS ncludes Lille Lake, Cas (e, and Crater Lake, Metals (ug/L) acute  340 	tilleja Lake, City chronic  0.02 
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	o Lake, Highlan Iogical DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute  340  TVS(tr)	tilleja Lake, City chronic  0.02  TVS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	o Lake, Highlan Iogical DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute  340  TVS(tr)	tilleja Lake, City chronic  0.02  TVS 
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	o Lake, Highlan logical DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS ncludes Lillie Lake, Cas ke, and Crater Lake, Cas Metals (ug/L) acute  340  TVS(tr) 5.0 	tilleja Lake, City chronic  0.02  TVS  TVS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	o Lake, Highlan logical DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS           ncludes Lille Lake, Cas           Metals (ug/L)           acute              340              TVS(tr)           5.0              50	tilleja Lake, City chronic  0.02  TVS  TVS 
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	o Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L)	Mary Lake MWAT CL chronic 6.0 7.0  8* 126	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS           ncludes Lille Lake, Cas           Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS	tilleja Lake, City chronic  0.02  TVS  TVS  TVS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n	o Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS ncludes Lillie Lake, Cas te, and Crater Lake. Metals (ug/L) acute ac	tilleja Lake, City chronic   0.02  TVS  TVS  TVS TVS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia	o Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126 chronic TVS	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS ncludes Lillie Lake, Cas ke, and Crater Lake. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	tilleja Lake, City Chronic   0.02  TVS  TVS  TVS  XVS WS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia Boron	o Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L) acute TVS 	MWAT CL Chronic 6.0 7.0  8* 126	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS  ncludes Lillie Lake, Cas  Aetals (ug/L)  Acute   340   TVS(tr)  5.0   50  TVS  TVS  TVS	tilleja Lake, City Chronic  0.02  TVS  TVS  TVS XVS WS 1000
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	lo Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L) acute TVS  TVS	Mary Lake MWAT CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS           Includes Lillie Lake, Casse, and Crater Lake, Casse, and and Casse, and Casse, and Casse, and	tilleja Lake, City Chronic  0.02  TVS  TVS  TVS XVS WS 1000
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	lo Lake, Highlan logical DM CL CL acute  6.5 - 9.0  mg/L) acute TVS  0.019	MWAT CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS           ncludes Lille Lake, Cas           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS           50           TVS           TVS           TVS           TVS           50           TVS           TVS           TVS           50           TVS           TVS           50           TVS           50           TVS           50	tilleja Lake, City chronic  0.02  TVS  TVS  TVS VS VS 1000 TVS 1000
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	o Lake, Highlan logical DM CL CL acute  6.5 - 9.0  6.5 - 9.0  0.5 - 9.0   0.5 - 9.0   0.019 0.005	d Mary Lake MWAT CL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011 	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS           ncludes Lille Lake, Casse, and Crater Lake.           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           5.0           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS           TVS	tilleja Lake, City Chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	lo Lake, Highlan logical DM CL acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	d Mary Lake MWAT CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250 0.011  	Zinc ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS         ncludes Lillie Lake, Casse, and Crater Lake.         Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         TVS         50         TVS         50         TVS         50         TVS         50         TVS	tilleja Lake, City Chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  VS 0.01(t)
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Io Lake, Highlan Iogical DM CL acute  6.5 - 9.0  () mg/L) acute TVS  0.019 0.005 10 0.05	d Mary Lake MWAT CL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011  250 0.011	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS         ncludes Lillie Lake, Casse, and Crater Lake.         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            TVS(tr)         5.0            TVS         TVS         50         TVS         50         TVS         50         TVS         50         TVS         TVS <tr tr=""> <tr tr=""></tr></tr>	tilleja Lake, City Chronic   0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  1000 TVS 1000 TVS  1000 
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	lo Lake, Highlan logical DM CL CL acute   6.5 - 9.0   0.5 - 9.0   0.019 0.005 10 0.005 10	d Mary Lake MWAT CL Chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011  0.025*	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS           Includes Lillie Lake, Casse, and Crater	tilleja Lake, City Chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	io Lake, Highlan logical DM CL CL acute   6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.005 10 0.05 10	d Mary Lake MWAT CL Chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011  0.025* WS	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           mcludes Lillie Lake, Casse, and Crater Lake, Casse, C	tilleja Lake, City Chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS 1000 150 150 150 150 150 150 15
Reservoir, Em COSJAF16 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	erald Lake, Ruby Lake, Balsam Lake, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Garfield Lake, Vestal Lake, Eldorad Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	io Lake, Highlan logical DM CL CL acute   6.5 - 9.0  6.5 - 9.0  0.01 0.05 10 0.005 10 0.05 10	d Mary Lake MWAT CL Chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011  0.025* WS	Zinc Ess Area. This segment in s, Verde Lakes, Lost Lak Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS           mcludes Lillie Lake, Casse, and Crater Lake, Casse, C	tilleja Lake, City Chronic  0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS        -

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

	tributary to Arrastra Gulch from the sou			egment includ		Matala (vall)	
COSJAF17	Classifications	Physical a	and Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
0 11	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
*chlorophyll a	a (ug/L)(chronic) = applies only to lakes	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
and reservoirs	s larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
	(chronic) = applies only to lakes and ger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inor	ganic (mg/L)		Copper	TVS	TVS
			acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		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(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
18 All lakes a	and reservoirs tributary to Cinnamon Cr				ulch All lakes and reserve	oirs tributary to the Ani	mas River from
immediately a	above Maggie Gulch to Elk Park except	for those listed under Segm					
Clear Lake, Is						•	
	sland Lake, Ice Lake, Fuller Lake and C		and Distantiant			Matala (sec0.)	,
COSJAF18	Classifications		and Biological			Metals (ug/L)	
COSJAF18 Designation	Classifications Agriculture	Physical a	DM	MWAT		acute	chronic
COSJAF18	Classifications Agriculture Aq Life Cold 1		DM CL	MWAT CL	Aluminum	acute	chronic
COSJAF18 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical a	DM CL acute	MWAT CL chronic	Aluminum Arsenic	acute  340	chronic 
COSJAF18 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical a Temperature °C D.O. (mg/L)	DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	chronic
COSJAF18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical a Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute 	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	<b>chronic</b>  0.02 
COSJAF18 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	chronic 
COSJAF18 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	chronic  0.02  TVS 
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	<b>chronic</b>  0.02 
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	chronic  0.02  TVS  TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute  6.5 - 9.0   ganic (mg/L)	MWAT CL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor	DM CL acute  6.5 - 9.0   ganic (mg/L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic  0.02  TVS  TVS  TVS  TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126 26	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS WS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS 	MWAT CL chronic 6.0 7.0  8* 126 26	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS TVS S TVS S VS 1000
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS 	MWAT CL chronic 6.0 7.0  8* 126  250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS TVS S TVS S VS 1000
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorr Ammonia Boron Chloride Chlorine	DM CL acute  6.5 - 9.0   ganic (mg/L) acute TVS  TVS  0.019	MWAT CL chronic 6.0 7.0  8* 126 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS 50	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide	DM CL acute  6.5 - 9.0  ganic (mg/L) ganic (mg/L) TVS  TVS  0.019 0.005	MWAT CL chronic 6.0 7.0 7.0 8* 126 8* 126 0.0 1 VS 0.75 250 0.011 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS S S VS 1000 TVS S 1000 TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS  0.019 0.005 10	MWAT CL chronic 6.0 7.0 7.0 8* 126 8* 126 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 5	chronic  0.02  TVS  TVS TVS TVS 300 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t)
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS  0.019 0.005 10 0.05 	MWAT           CL           chronic           6.0           7.0           8*           126           0.75           250           0.011              0.011              0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS S S 1000 TVS S 1000 TVS S 1000 TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir: *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorr Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute  6.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.	MWAT           CL           chronic           6.0           7.0           8*           126           0.01           TVS           0.011              0.025*           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute  6.5 - 9.0  ganic (mg/L) acute TVS  0.019 0.005 10 0.05 	MWAT           CL           chronic           6.0           7.0           8*           126           0.75           250           0.011              0.011              0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	chronic            0.02            TVS         1000         TVS            TVS/WS         0.01(t)         150         TVS         100         TVS         100         TVS
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorr Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute  6.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.	MWAT           CL           chronic           6.0           7.0           8*           126           0.01           TVS           0.011              0.025*           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 1000
COSJAF18 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoir *Phosphorus(	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. (chronic) = applies only to lakes and	Physical a Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorr Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute  6.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.0  (5.5 - 9.0 (5.5 - 9.	MWAT           CL           chronic           6.0           7.0           8*           126           0.01           TVS           0.011              0.025*           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	chronic            0.02            TVS         1000         TVS            TVS/WS         0.01(t)         150         TVS         100         TVS         100         TVS

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

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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19. All lakes a	<u> </u>						
COSJAF19	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
*Phosphorus(	chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium III(T)		100
reservoirs larg	er than 25 acres surface area.				Chromium VI	TVS	TVS
		Inorgani	c (mg/L)		Copper	TVS	TVS
			acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		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(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sullate					
		Sulfide		0.002			
	nd reservoirs on the east side of Miner	Sulfide al Creek from the source to a poi	 int immediately ab	0.002 ove the confl	uence with South Mineral (		servoirs tributary
to the Middle I	Fork of Mineral Creek from the source	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr	 int immediately ab eek except for the	0.002 ove the confl	uence with South Mineral ( igs in Segment 18.	Creek. All lakes and re	servoirs tributary
to the Middle I COSJAF20	Fork of Mineral Creek from the source Classifications	Sulfide al Creek from the source to a poi	 int immediately ab eek except for the Biological	0.002 ove the confli specific listin	uence with South Mineral ( igs in Segment 18.	Creek. All lakes and re Metals (ug/L)	
to the Middle I COSJAF20 Designation	Fork of Mineral Creek from the source Classifications Agriculture	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I	 int immediately ab reek except for the Biological DM	0.002 ove the confli specific listin	uence with South Mineral C igs in Segment 18.	Creek. All lakes and re	servoirs tributary
to the Middle I COSJAF20	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr	 int immediately ab reek except for the <b>Biological</b> DM CL	0.002 ove the confli- specific listin	uence with South Mineral 0 gs in Segment 18.	Creek. All lakes and re Metals (ug/L) acute 	
to the Middle I COSJAF20 Designation Reviewable	Fork of Mineral Creek from the source Classifications Agriculture	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C	 int immediately ab reek except for the Biological DM CL acute	0.002 ove the conflusion specific listin MWAT CL chronic	uence with South Mineral ( gs in Segment 18. Aluminum Arsenic	Creek. All lakes and re Metals (ug/L) acute	chronic 
to the Middle I COSJAF20 Designation	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L)	 int immediately ab reek except for the Biological DM CL acute 	0.002 ove the confil specific listin MWAT CL Chronic 6.0	uence with South Mineral ( igs in Segment 18. Aluminum Arsenic Arsenic(T)	Creek. All lakes and re Metals (ug/L) acute  340 	chronic 
to the Middle I COSJAF20 Designation Reviewable	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	 int immediately ab reek except for the Biological DM CL acute 	0.002 ove the confil specific listin MWAT CL chronic 6.0 7.0	uence with South Mineral G igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium	Creek. All lakes and re Metals (ug/L) acute  340  	chronic  100 
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other:	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	 int immediately ab reek except for the Biological DM CL acute 	0.002 ove the confil specific listin MWAT CL chronic 6.0 7.0 	Lence with South Mineral C Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr)	chronic   100  TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	 int immediately ab reek except for the Biological DM CL acute 	0.002 ove the confil specific listin MWAT CL Chronic 6.0 7.0  8*	Lence with South Mineral C Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	Creek. All lakes and re Metals (ug/L) acute  340  	chronic  100  TVS TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	 int immediately ab reek except for the Biological DM CL CL acute  6.5 - 9.0	0.002 ove the confil specific listin MWAT CL chronic 6.0 7.0 	Lence with South Mineral ( gs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS 	chronic  100  TVS TVS 100
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	 int immediately ab reek except for the Biological DM CL acute  6.5 - 9.0 	0.002 ove the confil specific listin MWAT CL Chronic 6.0 7.0  8*	Lence with South Mineral C Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS	chronic  100  TVS TVS 100 TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Int immediately ab reek except for the Biological CL CL acute  6.5 - 9.0 	0.002 ove the confil specific listin MWAT CL Chronic 6.0 7.0  8*	Lence with South Mineral ( gs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS 	chronic  100  TVS TVS 100
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Int immediately ab reek except for the Biological CL CL acute  6.5 - 9.0 	0.002 ove the confil specific listin MWAT CL Chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS	chronic  100  TVS TVS 100 TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 int immediately ab reek except for the Biological CL CL acute  6.5 - 9.0  c (mg/L)	0.002 ove the confil specific listin MWAT CL chronic 6.0 7.0  8* 126	Lence with South Mineral G Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS TVS TVS TVS TVS TVS TVS	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	 int immediately ab reek except for the Biological CL CL acute  6.5 - 9.0  c (mg/L) acute	0.002 ove the confil specific listin CL Chronic 6.0 7.0  8* 126 chronic	Lence with South Mineral C gs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS TVS TVS TVS TVS	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	 int immediately ab reek except for the Biological CL CL acute  6.5 - 9.0  c (mg/L) acute TVS	0.002 ove the confil specific listin CL Chronic 6.0 7.0  8* 126 chronic TVS	Lence with South Mineral C Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS TVS TVS TVS TVS TVS TVS	chronic  100  TVS TVS 100 TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t)
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	Int immediately ab reek except for the Biological CL CL CL CL CL CL CL CL CL CL CL CL CL	0.002 ove the confil specific listin CL Chronic 6.0 7.0  8* 126 	Lence with South Mineral C gs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS TVS TVS TVS TVS TVS TVS TVS	chronic              100              100              TVS           TVS           100           TVS           100           TVS           100           TVS           100           TVS           1000           TVS           1000           TVS           0.01(t)           150
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Boron Chloride	Int immediately ab reek except for the Biological CL CL CL CL CL CL CL CL CL CL CL CL CL	0.002 ove the confil specific listin CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75	Lence with South Mineral C Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS  TVS  TVS  TVS TVS  TVS  TVS 	chronic  100  TVS TVS 100 TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t)
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	int immediately ab reek except for the Biological DM CL	0.002 ove the confil specific listin CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75  0.011	Lence with South Mineral O Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Creek. All lakes and re Metals (ug/L) acute  340  TVS(tr) TVS TVS TVS TVS TVS TVS TVS  TVS TVS 	chronic              100              100              TVS           TVS           100           TVS           100           TVS           100           TVS           100           TVS           1000           TVS           1000           TVS           0.01(t)           150
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	int immediately ab eek except for the Biological  CL	0.002 ove the confli specific listin CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 0.75 0.011	Lence with South Mineral ( logs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	Creek. All lakes and re         Metals (ug/L)         acute            340            TVS(tr)         TVS         TVS	chronic              100              100              TVS           TVS           100           TVS           100           TVS           0.01(t)           150           TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a poi to the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	int immediately ab reek except for the Biological  CL	0.002 ove the conflision specific listin CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75  0.011 	Lence with South Mineral O Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	Creek. All lakes and re         Metals (ug/L)         acute            340            TVS(tr)         TVS         TVS	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
to the Middle I COSJAF20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Fork of Mineral Creek from the source Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Sulfide al Creek from the source to a point the confluence with Mineral Cr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite	int immediately ab reek except for the Biological  CL	0.002 ove the conflision specific listin CL Chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75  0.011  0.011	Lence with South Mineral O Igs in Segment 18. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	Creek. All lakes and re         Metals (ug/L)         acute            340            340            TVS(tr)         TVS	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS

tr=trout

sc=sculpin

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

COSJAF21	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
*chlorophyll a and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
reservoirs larg		Inorganic (mg	j/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

22. Electra Lal	ke. Lake Nighthorse.						
COSJAF22	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(ug/L)(chronic) = applies only to lakes	Inorganic (I	ng/L)		Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.	Ammonia	TVS	TVS	Iron		WS
, in the second s		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

except for the	and reservoirs tributary to the Animas R specific listings in Segments 13a and 1 oundary. This segment includes Chapr	14; all lakes and reservoirs tribu					
COSJAF23	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Water + Fish	Standards	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
ablaranhull a	(ug/L)(abrania) = applies apply to lakes				Chromium III(T)	50	
and reservoirs	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
Classificatior	and the second sec		acute	chronic	Copper	TVS	TVS
Phosphorus(	chronic) = applies only to lakes and	Ammonia	TVS	TVS	Iron		WS
eservoirs larg	ger than 25 acres surface area.	Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

24. All lakes a Reservoir.	and reservoirs tributary to the Animas R	iver, from the Southern Ute Indian	Reservation bou	ndary to the	Colorado/New Mexico bor	der. This segment inc	ludes Pastorius
COSJAF24	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
	<ul> <li>Indian Reservation</li> <li>(ug/L)(chronic) = applies only to lakes</li> </ul>				Chromium III(T)	50	
and reservoirs	larger than 25 acres surface area.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

. wainstem	or the La Plata River	, including all wet	lands and tributaries from t	the source to th	ne Hay Guici	n diversion s	outh of Hesperus.		
COSJLP01	Classifications		Physic	al and Biolog	ical			Metals (ug/L)	
esignation	Agriculture				DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02
ualifiers:			D.O. (spawning)			7.0	Beryllium		
ther:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary N	Iodification(s):		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
rsenic(chror	nic) = hybrid		E. Coli (per 100 mL)			205	Chromium III		TVS
xpiration Da	te of 12/31/2021						Chromium III(T)	50	
			li	norganic (mg/	L)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			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(tr)
							Uranium		
							Oranium		
							Zinc	TVS	TVS(sc)
	1	er from the Hay G	ulch diversion south of Hes			outhern Ute	Zinc	TVS	TVS(sc)
OSJLP02A	Classifications	er from the Hay G		sperus to the be al and Biolog	ical		Zinc	TVS Metals (ug/L)	
OSJLP02A esignation	Classifications Agriculture	er from the Hay G	Physic		ical DM	MWAT	Zinc Indian Reservation.	TVS	TVS(sc)
OSJLP02A esignation	Classifications Agriculture Aq Life Cold 1				ical DM CS-II	MWAT CS-II	Zinc Indian Reservation.	TVS Metals (ug/L) acute 	
OSJLP02A esignation	Classifications Agriculture Aq Life Cold 1 Recreation E	5/1 - 10/31	Physic Temperature °C		ical DM	MWAT CS-II chronic	Zinc Indian Reservation. Aluminum Arsenic	TVS Metals (ug/L) acute	chronic 
OSJLP02A esignation	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N		Physic Temperature °C D.O. (mg/L)		DM CS-II acute	MWAT CS-II chronic 6.0	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340	chronic  0.02
OSJLP02A esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning)		Ical DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	chronic  0.02 
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH		ical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS           Metals (ug/L)           acute              340              TVS(tr)	chronic  0.02
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	al and Biolog	ical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340 	chronic  0.02  TVS 
OSJLP02A esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	CS-II CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150 126	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS           Metals (ug/L)           acute           340              TVS(tr)           5.0	chronic  0.02  TVS  TVS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS           Metals (ug/L)           acute              340              TVS(r)           5.0           50	chronic  0.02  TVS  TVS 
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	ical DM CS-II acute  6.5 - 9.0    L)	MWAT CS-II chronic 6.0 7.0  150 126 630	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS       Metals (ug/L)       acute          340          TVS(tr)       TVS(tr)       5.0          50       TVS	chronic  0.02  TVS  TVS  TVS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150 126	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS           Metals (ug/L)           acute              340              TVS(r)           5.0           50	chronic  0.02  TVS  TVS  TVS TVS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0    L)	MWAT CS-II chronic 6.0 7.0  150 126 630	Zinc Indian Reservation.	TVS       Metals (ug/L)       acute          340          TVS(tr)       TVS(tr)       50       TVS       TVS       TVS       TVS       TVS       TVS       TVS	chronic  0.02  TVS  TVS  TVS  TVS WS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute	MWAT CS-II chronic 6.0 7.0  150 126 630 chronic	Zinc Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS           Metals (ug/L)           acute              340              TVS(r)           5.0              50           TVS           TVS           TVS           TVS	chronic  0.02  TVS  TVS  TVS TVS TVS TVS S TVS S S S S S S S S S
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute TVS	MWAT CS-II chronic 6.0 7.0  150 126 630 26 630 chronic TVS	Zinc Indian Reservation.	TVS       Metals (ug/L)       acute       340          340          TVS(r)       TVS(r)       5.0       TVS       TVS       TVS       TVS       TVS  -	chronic  0.02  TVS  TVS  TVS TVS TVS TVS S TVS S S S S S S S S S
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 630 126 630 chronic TVS 0.75	Zinc Indian Reservation.	TVS           Metals (ug/L)           acute              340              340              340              5.0           5.0           TVS           TVS           TVS              5.0           TVS           TVS           TVS           TVS	chronic  0.02  TVS  TVS TVS TVS S TVS WS 1000 TVS 
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute TVS  TVS	MWAT CS-II chronic 6.0 7.0  150 126 630 126 630 Chronic TVS 0.75 250	Zinc Indian Reservation.	TVS       Metals (ug/L)       acute       340          340          TVS(r)       TVS(r)       5.0       TVS       TVS       TVS       TVS       TVS  -	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute TVS  TVS  0.019	MWAT CS-II chronic 6.0 7.0  150 126 630 26 630 Chronic TVS 0.75 250 0.011	Zinc Indian Reservation.	TVS           Metals (ug/L)           acute              340              340              340              340              340              340              50              TVS              50           TVS                 TVS                 50	chronic  0.02  TVS  TVS TVS TVS STVS WS 1000 TVS 
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mamonia         Boron         Chloride         Chlorine         Cyanide	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   C L) acute TVS  TVS  0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           126           630           Chronic           TVS           0.75           250           0.011	Zinc Indian Reservation.	TVS           Metals (ug/L)           acute              340              340              TVS(r)           5.0           TVS(r)           5.0           TVS           1000000000000000000000000000000000000	chronic  0.02  TVS  TVS TVS  TVS  TVS  TVS  TVS  TVS     -
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Boron         Chloride         Chlorine         Cyanide         Nitrate	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   CC CC  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 630 126 630 126 630 126 0.01	Zinc Indian Reservation.	TVS       Metals (ug/L)       acute       acute          340          340          50       TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   C.  C. D C. C C C C C C C C C C C C C C C C	MWAT CS-II chronic 6.0 7.0 150 126 630 126 630 126 630 126 0.01	Zinc Indian Reservation. Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS       Metals (ug/L)       acute       acute <td>chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS</td>	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  C  C C TVS  0.019 0.005 10 0.05 10 0.05	MWAT CS-II chronic 6.0 7.0 150 126 630 126 630 0.01 TVS 0.75 250 0.011   0.11	Zinc Indian Reservation.	TVS       Metals (ug/L)       acute       acute <td>chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100</td>	chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   C.) acute TVS  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc Indian Reservation. I	TVS       Metals (ug/L)       acute       acute <td>chronic  0.02  TVS TVS TVS (1000 TVS (0.01(t) 150 TVS 1000 TVS (1000 TVS</td>	chronic  0.02  TVS TVS TVS (1000 TVS (0.01(t) 150 TVS 1000 TVS (1000 TVS
OSJLP02A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/31	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi 5/1 - 10/31 11/1 - 4/30	ical DM CS-II acute  6.5 - 9.0   C.) acute TVS  0.019 0.005 10 0.005 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc Indian Reservation. Indian Reservation. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute       acute <td>chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS</td>	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS

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

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

20. Mainotoini	OI LITE LA FIALA RIVE		ary of the Southern Ute Ind	lian Reservatio	n to above t	ne confluenc	e with Cherry Creek.		
COSJLP02B	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	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation P	11/1 - 4/30	D.O. (mg/L)			5.0	Arsenic(T)		0.02
	Water Supply		рН		6.5 - 9.0		Beryllium		
Qualifiers:			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium	TVS	TVS
Other:			E. Coli (per 100 mL)	11/1 - 4/30		205	Cadmium(T)	5.0	
emporary M	odification(s):		E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		TVS
Arsenic(chron	ic) = hybrid						Chromium III(T)	50	
Expiration Dat	e of 12/31/2021		h	norganic (mg/	L)		Chromium VI	TVS	TVS
Southern Ute	Indian Reservation				acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			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		
							Zinc	TVS	TVS
							200	103	103
c. Mainstem	of the La Plata River	r from the conflue	nce with Cherry Creek to a	above the confl	uence with I	ong Hollow.		103	103
	of the La Plata River	r from the conflue		above the confl al and Biologi		ong Hollow.		Metals (ug/L)	105
OSJLP02C	1	r from the conflue				ong Hollow.			
COSJLP02C Designation	Classifications	r from the conflue			ical			Metals (ug/L)	chronic
2c. Mainstem COSJLP02C Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	r from the conflue	Physic		ical DM	MWAT		Metals (ug/L) acute	chronic
COSJLP02C Designation	Classifications Agriculture Aq Life Warm 1	r from the conflue	Physic		ical DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute 	chronic
COSJLP02C Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	r from the conflue	Physic Temperature °C		ical DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSJLP02C Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	r from the conflue	Physic Temperature °C D.O. (mg/L)		ical DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic   0.02
COSJLP02C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH		ical DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340  	chronic  0.02 
COSJLP02C Designation Reviewable Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)		ical DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS	chronic  0.02  TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	al and Biologi	ical DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340   TVS 5.0	chronic  0.02  TVS 
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M resenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	al and Biologi	ical DM WS-II acute  6.5 - 9.0   L)	MWAT WS-II chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   TVS 5.0 	chronic  0.02  TVS  TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M resenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	al and Biologi	ical DM WS-II acute 6.5 - 9.0   L) acute	MWAT WS-II chronic 5.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  T√S 5.0  50	chronic  0.02  TVS  TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       In       Ammonia	al and Biologi	ical DM WS-II acute 6.5 - 9.0   L) acute TVS	MWAT WS-II chronic 5.0  150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS 5.0 5.0 50 TVS	chronic  0.02  TVS  TVS  TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M resenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron	al and Biologi	ical DM WS-II acute 6.5 - 9.0  C  L) acute TVS	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS  TVS
COSJLP02C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride	al and Biologi	ical DM WS-II acute  6.5 - 9.0  CL acute TVS  TVS	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSJLP02C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine	al and Biologi	ical DM WS-II acute  6.5 - 9.0   L) acute TVS  TVS  0.019	MWAT WS-II chronic 5.0  150 126 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS TVS TVS TVS S S S S S S S S S S S S
OSJLP02C resignation reviewable rualifiers: other: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	al and Biologi	ical DM WS-II acute 6.5 - 9.0  (  D 0.019 0.005 10	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS  TVS	chronic  0.02  TVS  TVS TVS TVS TVS TVS S TVS S S S S S S S
OSJLP02C resignation reviewable rualifiers: other: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         II         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	al and Biologi	ical DM WS-II acute 6.5 - 9.0   L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS 5.0 5.0  50 TVS TVS TVS TVS TVS 5.0 TVS 5.0 TVS 5.0 TVS	chronic  0.02  TVS  TVS TVS TVS TVS S S S S S S S S S S S S
OSJLP02C resignation reviewable rualifiers: other: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	al and Biologi	ical DM WS-II acute 6.5 - 9.0   C 0.0 0.005 10 0.005	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011   0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVSWS
OSJLP02C resignation reviewable rualifiers: other: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi	ical DM WS-II acute  6.5 - 9.0  CU CU TVS CU TVS  0.019 0.005 10 0.05 10	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS US 1000 TVS  TVS/WS 0.01(t) 150
COSJLP02C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	al and Biologi	ical DM WS-II acute  6.5 - 9.0   U U TVS  0.019 0.005 10 0.005 10 0.05 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011   0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute acute 340  TVS 5.0 5.0  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSJLP02C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi	ical DM WS-II acute  6.5 - 9.0   U U TVS  0.019 0.005 10 0.005 10 0.05 	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS 5.0 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS   TVS 50 TVS  	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M resenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi	ical DM WS-II acute  6.5 - 9.0   U U TVS  0.019 0.005 10 0.005 10 0.05 	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute              340              340              TVS           50           TVS	chronic  0.02  TVS  TVS TVS (0.01 (1) 150 TVS 1000 TVS (0.01(t) 150 TVS 1000 TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi	ical DM WS-II acute  6.5 - 9.0   U U TVS  0.019 0.005 10 0.005 10 0.05 	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)           acute              340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           50           TVS              TVS           TVS           TVS	chronic  0.02  TVS  TVS TVS 0.01 (1) 150 TVS 0.01(t) 150 TVS 1000 TVS 0.01(t) 150 TVS
COSJLP02C Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	r from the conflue	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         In         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	al and Biologi	ical DM WS-II acute  6.5 - 9.0   U U TVS  0.019 0.005 10 0.005 10 0.05 	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute              340              340              TVS           50           TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

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

D.O. = dissolved oxygen

COSJLP02D	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	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	odification(s):		ic (mg/L)	.20	Chromium III		TVS
Arsenic(chron	te of 12/31/2021	inorgan	acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Southern Ute	Indian Reservation	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
					lron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10			TVS	TVS/WS
		Nitrite	0.05		Manganese		
		Phosphorus		0.17	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
		iding all wetlands, from the Hay Gulch div	versions south of He	esperus to the	Zinc	TVS	TVS
isting in Segn	ies to the La Plata River, inclu nent 3c, 3d and 3e.	iding all wetlands, from the Hay Gulch div Physical and		esperus to the	Zinc e Southern Ute Indian Rese	TVS	TVS
isting in Segn COSJLP03A	nent 3c, 3d and 3e. Classifications			esperus to the	Zinc e Southern Ute Indian Rese	TVS ervation boundary, ex	TVS
isting in Segn COSJLP03A Designation	nent 3c, 3d and 3e. Classifications		Biological		Zinc e Southern Ute Indian Rese	TVS ervation boundary, ex fletals (ug/L)	TVS ccept for speci
isting in Segn COSJLP03A Designation	nent 3c, 3d and 3e. Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc e Southern Ute Indian Rese N	TVS ervation boundary, ex fletals (ug/L) acute	TVS scept for speci chronic
isting in Segn	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	Zinc e Southern Ute Indian Rese Aluminum	TVS ervation boundary, ex Metals (ug/L) acute 	TVS accept for speci chronic 
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Zinc e Southern Ute Indian Rese Aluminum Arsenic	TVS ervation boundary, ex Metals (ug/L) acute  340	TVS ccept for speci chronic 
isting in Segn COSJLP03A Designation JP	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Temperature °C	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium	TVS ervation boundary, ex Metals (ug/L) acute  340 	TVS ccept for speci chronic  100 
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS ervation boundary, ex Metals (ug/L) acute  340  TVS	TVS ccept for speci chronic  100  TVS
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium	TVS ervation boundary, ex Metals (ug/L) acute  340  	TVS ccept for speci chronic  100 
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L)	MWAT WS-II chronic 5.0  150 630	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS ervation boundary, ex Metals (ug/L) acute  340  TVS TVS TVS	TVS ccept for speci chronic  100  TVS TVS 100
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0  ic (mg/L) acute	MWAT WS-II chronic 5.0  150 630 chronic	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	TVS ervation boundary, ex Metals (ug/L) acute  340  TVS TVS TVS  TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-II acute 6.5 - 9.0  ic (mg/L) acute TVS	MWAT WS-II chronic 5.0  150 630 630 chronic TVS	Zinc e Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper	TVS ervation boundary, ex fletals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS 100 TVS
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgani       Ammonia       Boron	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) TVS 	MWAT WS-II chronic 5.0  150 630 chronic TVS 0.75	Zinc e Southern Ute Indian Rese Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS ervation boundary, ex fetals (ug/L) acute acute au	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron       Chloride	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) TVS  TVS	MWAT WS-II chronic 5.0  150 630 630 chronic TVS 0.75	Zinc e Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead	TVS ervation boundary, ex fetals (ug/L) feta	TVS ccept for spec chronic  100  TVS TVS 100 TVS TVS 1000 TVS
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0  (	MWAT WS-II chronic 5.0  150 630 630 chronic TVS 0.75  0.011	Zinc e Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS ervation boundary, ex Atetals (ug/L)  Acute  340  TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron       Chloride       Chlorine       Cyanide	Biological  DM  WS-II  C C C C C C C C C C C C C C C C C C	MWAT WS-II chronic 5.0  150 630 chronic TVS 0.75  0.011 	Zinc e Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	TVS ervation boundary, ex  Aetals (ug/L)  Acute	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0  () () br () CTVS  CTVS  0.019 0.005 100	MWAT WS-II chronic 5.0  150 630 chronic TVS 0.75  0.011 	Zinc E Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS           ervation boundary, ex           Metals (ug/L)           acute              340              TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  (5.5-9.0)  (cmg/L) CVS  (cmg/L) 	MWAT WS-II chronic 5.0  150 630 Chronic TVS 0.75  0.011  0.011 	Zinc E Southern Ute Indian Reserver Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS           ervation boundary, example           Metals (ug/L)           acute              340              TVS	TVS ccept for spect chronic  100  TVS TVS 100 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 1000 TVS
sting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron       Chloride       Chlorine       Cyanide       Nitrate       Nitrite       Phosphorus	Biological DM WS-II acute 6.5 - 9.0  (construction) browstruction constru	MWAT           WS-II           chronic           5.0           150           630           Chronic           700           0.011              0.011              0.011              0.011              0.011	Zinc E Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS           ervation boundary, example           Acute           acute              340              TVS	TVS ccept for spect chronic  100  TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS TVS
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  (5.5-9.0)  (cmg/L) CVS  (cmg/L) 	MWAT WS-II chronic 5.0  150 630 Chronic TVS 0.75  0.011  0.011  0.017	Zinc E Southern Ute Indian Reserver Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	TVS           ervation boundary, example           Metals (ug/L)           acute              340              340              TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS
isting in Segn COSJLP03A Designation JP Qualifiers:	nent 3c, 3d and 3e. Classifications Agriculture Aq Life Warm 2	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron       Chloride       Chlorine       Cyanide       Nitrate       Nitrite       Phosphorus	Biological DM WS-II acute  () ()   	MWAT           WS-II           chronic           5.0           150           630           Chronic           700           0.011              0.011              0.011              0.011              0.011	Zinc E Southern Ute Indian Reserved Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS           ervation boundary, example           Acute           acute              340              TVS	TVS ccept for spec chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS TVS

D.O. = dissolved oxygen

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

3b. All tributar	ies to the La Plata River, inclu	duilig all wellarius, from the boundary of th		lian Reserva	Ition to the Colorado/New I	viexico border.	
COSJLP03B	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
ualifiers:		рН	6.5 - 9.0		Beryllium		
Vater + Fish	Standards	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
ther:		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
		Inorgan	ic (mg/L)		Chromium III		TVS
Southern Ute	Indian Reservation		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	0.05		Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		e unice		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					0		
					Uranium		
					Uranium Zinc	 TVS	 TVS
c. Cherry Cre	eek. including all tributaries ar	nd wetlands, from the source to the bound	arv of the Southern	ute Indian I	Zinc	 TVS	 TVS
c. Cherry Cre	eek, including all tributaries ar	nd wetlands, from the source to the bound Physical and		n Ute Indian I	Zinc Reservation boundary.		
OSJLP03C	-			n Ute Indian I MWAT	Zinc Reservation boundary.	TVS	
OSJLP03C Designation	Classifications	Physical and	Biological		Zinc Reservation boundary.	TVS Metals (ug/L)	TVS
	Classifications Agriculture		Biological DM	MWAT	Zinc Reservation boundary. Aluminum	TVS Metals (ug/L) acute 	TVS
OSJLP03C Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Zinc Reservation boundary. Aluminum Arsenic	TVS Metals (ug/L) acute	TVS chronic 
COSJLP03C 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	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340	TVS chronic
COSJLP03C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340  	TVS chronic  0.02 
COSJLP03C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0 	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS(tr)	TVS chronic  0.02  TVS
COSJLP03C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0	TVS chronic  0.02  TVS 
COSJLP03C Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS chronic  0.02  TVS  TVS
COSJLP03C esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSJLP03C esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150 126	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150 126 chronic	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia	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	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS  TVS S TVS WS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS TVS S TVS S S S S S S S S S
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorgan       Ammonia       Boron       Chloride	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS  Metals (ug/L)  acute  340  TVS(tr)  5.0  TVS(tr)  5.0  TVS  TVS  TVS  TVS  TVS  TVS  TVS	TVS chronic  0.02  TVS  TVS  TVS VS VS 1000 TVS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine	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	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute	TVS chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0 1.50 126 Chronic TVS 0.75 250 0.011 	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L)  Acute   340   TVS(tr)  5.0  TVS  50  TVS  TVS  TVS  TVS  50  TVS 50  TVS  5	TVS chronic  0.02  TVS  TVS VS VS WS 1000 TVS  TVS/WS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  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 	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS Metals (ug/L) acute	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005	MWAT CS-II chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS Metals (ug/L)  Acute  340  340  TVS(tr) 5.0  50  TVS  TVS  TVS  TVS  50  TVS  50  TVS  50  TVS  50  TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  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   0.11	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         TVS         50         TVS         50         TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVSS/WS 0.01(t) 150 TVS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc  Evervation boundary.  Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium III(T)  Chromium VI  Copper  Iron Iron(T)  Lead Lead(T)  Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L)  Metals (ug/L)  acute  340  TVS(tr)  5.0  50  TVS  50  TVS  TVS  TVS  50	TVS chronic   0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.019 0.005 10 0.05 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011   0.11	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         TVS         50         TVS         50         TVS	TVS chronic   0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (0.019 0.005 10 0.015 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc  Evervation boundary.  Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium III(T)  Chromium VI  Copper  Iron Iron(T)  Lead Lead(T)  Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L)  Metals (ug/L)  acute  340  TVS(tr)  5.0  50  TVS  50  TVS  TVS  TVS  50	TVS chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 0.01(t) 150 TVS 1000 TVS
OSJLP03C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (0.019 0.005 10 0.015 10 0.05 	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Zinc Reservation boundary. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute          340          340          50       TVS       50       TVS       50       TVS       50       TVS       50       TVS          TVS          TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS chronic  0.02  TVS  TVS  TVS VS VS 1000 TVS

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

D.O. = dissolved oxygen

### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

		the confluence with Cherry Creek.			1		
COSJLP03D		Physical and	-			Metals (ug/L)	
Designation	_	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	
Ovelifierer	water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary N	Modification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Da	ate of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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(tr)
					Uranium		
					Zinc	TVS	TVS(sc)
3e. East Alka	ali Gulch from the source to the	e Southern Ute Indian Boundary. Hay Gu	lch, including all trib	outaries, fron	n the source to the South	ern Ute Indian Boundar	ту.
COSJLP03E	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT			
UP				mittai		acute	chronic
	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		chronic
	Recreation N	Temperature °C	CS-II acute		Aluminum Arsenic		
	•	Temperature °C D.O. (mg/L)		CS-II			  0.02-10 <sup>A</sup>
Qualifiers:	Recreation N		acute	CS-II chronic	Arsenic	 340	
	Recreation N	D.O. (mg/L)	acute	CS-II chronic 5.0	Arsenic Arsenic(T)	 340 	
Qualifiers:	Recreation N	D.O. (mg/L) pH	acute  6.5 - 9.0	CS-II chronic 5.0	Arsenic Arsenic(T) Beryllium	 340 	  0.02-10 <sup>A</sup> 
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	CS-II chronic 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium	 340  TVS	  0.02-10 <sup>A</sup> 
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	CS-II chronic 5.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS 5.0	 0.02-10 <sup>A</sup>  TVS 
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0   ic (mg/L)	CS-II chronic 5.0  150 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 TVS	 0.02-10 A  TVS  TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	acute  6.5 - 9.0  c (mg/L) acute	CS-II chronic 5.0  150 630 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS 5.0 TVS 	 0.02-10 A  TVS  TVS 100
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute  6.5 - 9.0  c (mg/L) acute TVS	CS-II chronic 5.0  150 630 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0 TVS  TVS	 0.02-10 A  TVS  TVS 100 TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute  6.5 - 9.0   ic (mg/L) acute TVS 	CS-II chronic 5.0  150 630 630 Chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS 5.0 TVS  TVS TVS	 0.02-10 A  TVS  TVS 100 TVS TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0   ic (mg/L) acute T∨S 	CS-II chronic 5.0  150 630 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS 5.0 TVS  TVS TVS TVS	 0.02-10 <sup>A</sup>  TVS  TVS 100 TVS TVS WS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  c (mg/L) ic (mg/L) acute TVS  0.019 0.005	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS 5.0 TVS  TVS TVS TVS 	 0.02-10 A  TVS  TVS 100 TVS TVS WS 1000
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) ic (mg/L) acute TVS  0.019 0.005 10	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS 5.0 TVS  TVS TVS TVS  TVS 50	 0.02-10 A  TVS  TVS 100 TVS TVS WS 1000 TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.05	CS-II chronic 5.0  150 630 630 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS 5.0 TVS  TVS TVS  TVS	 0.02-10 A  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05	CS-II chronic 5.0  150 630 630 Chronic TVS 0.75 250 0.011   0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS 5.0 TVS  TVS TVS TVS 50 TVS 50 TVS	 0.02-10 A  TVS TVS 100 TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t)
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0 TVS  TVS TVS  TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 0.05	CS-II chronic 5.0  150 630 630 Chronic TVS 0.75 250 0.011   0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0 TVS  TVS TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS 100 TVS 100 TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS 5.0 TVS  TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS TVS 100 TVS 3 TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0 TVS  TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS 100 TVS 100 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS 100 TVS
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0 TVS  TVS TVS 50 TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS	 0.02-10 A  TVS 100 TVS 100 TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS 100
Qualifiers:	Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	CS-II chronic 5.0  150 630 Chronic TVS 0.75 250 0.011  0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0 TVS  TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS TVS 100 TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS

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

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

sc=sculpin

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

4a. Mainstem	of the Mancos River, including all wet	lands and tributaries, from	n the source of	the East, W	est and Midd	lle Forks to the San Juan	National Forest Bound	lary.
COSJLP04A	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E 5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N 11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		0.02
	Water Supply	D.O. (spawning)			7.0	Beryllium		
ualifiers:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
ther:		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
emporary M	odification(s):	E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III		TVS
rsenic(chron	ic) = hybrid	E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III(T)	50	
xpiration Dat	te of 12/31/2021	l	norganic (mg/l	_)		Chromium VI	TVS	TVS
				acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		WS
		Boron			0.75	lron(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		0.01(t)
		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(tr)
						Uranium		
						Zinc	TVS	TVS
	eservoir (Jackson Gulch Reservoir).	Dhusia	al and Dialani			1	Metale (ve/l)	
OSJLP04B esignation	Classifications Agriculture	Physic	al and Biologi	DM	MWAT		Metals (ug/L)	chronic
eviewable	Ag Life Cold 1	Temperature °C		CLL	CLL	Aluminum	acute	
eviewable	Recreation E			acute	chronic	-		
							240	
		$D \cap (mg/l)$				Arsenic Arconic(T)	340	
	Water Supply DUWS*	D.O. (mg/L)			6.0	Arsenic(T)		0.02
ualifiers:	Water Supply	D.O. (spawning)			6.0 7.0	Arsenic(T) Beryllium		0.02
	Water Supply	D.O. (spawning) pH			6.0 7.0 	Arsenic(T) Beryllium Cadmium	  TVS(tr)	0.02
	Water Supply	D.O. (spawning) pH chlorophyll a (ug/L)		 6.5 - 9.0 	6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS(tr) 5.0	0.02  TVS 
ther: hlorophyll a	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)			6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0	0.02  TVS  TVS
ther: chlorophyll a nd reservoirs	Water Supply DUWS*	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		 6.5 - 9.0 	6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	0.02  TVS  TVS
ther: chlorophyll a nd reservoirs Classification eservoir only	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. :: DUWS applies to Jackson Gulch /-	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l	 6.5 - 9.0  	6.0 7.0  8* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	0.02  TVS  TVS  TVS
ther: chlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. : DUWS applies to Jackson Gulch	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l	 6.5 - 9.0   -) acute	6.0 7.0  8* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
ther: chlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS	6.0 7.0  8* 126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS TVS S
ther: chlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) II Ammonia Boron	norganic (mg/l	 6.5 - 9.0   <b>acute</b> TVS 	6.0 7.0  8* 126  8* 126  Chronic TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) II Ammonia Boron Chloride	norganic (mg/l	 6.5 - 9.0   acute TVS  	6.0 7.0  8* 126 <b>chronic</b> TVS 0.75 250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) 	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS   0.019	6.0 7.0  8* 126 chronic TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS 
ther: hlorophyll a id reservoirs classification eservoir only hosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chloride Chlorine Cyanide	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005	6.0 7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVSWS
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcon Coli (per 100 mL) Coli (per 100	norganic (mg/l	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10	6.0 7.0  8* 126 chronic TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t)
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) 	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 10 0.05	6.0 7.0  8* 126 chronic TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 10 0.05 10	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS TVS TVS US 1000 TVS 0.0100 TVS 0.01(t) 150 TVS
ther: hlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/l	 6.5 - 9.0   acute TVS  0.019 0.005 10 0.005 10 0.005 	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
ther: chlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	norganic (mg/l	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 10 0.05 10	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/l	 6.5 - 9.0   acute TVS  0.019 0.005 10 0.005 10 0.005 	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS(tr) 5.0 5.0 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS TVS TVS S S S S S S S S S S S S S S
ther: chlorophyll a nd reservoirs Classification eservoir only Phosphorus(	Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. I: DUWS applies to Jackson Gulch /. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/l	 6.5 - 9.0   acute TVS  0.019 0.005 10 0.005 10 0.005 	6.0 7.0 8* 126 <b>Chronic</b> 7VS 0.75 250 0.011  0.025* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

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

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

sc=sculpin

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

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

COSJLP04C	Classifications		Physic	al and Biologi	cal		N	letals (ug/L)	
Designation	Agriculture		,,,,,	5	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		0.02
	Water Supply		D.O. (spawning)			7.0	Beryllium		
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)	50	
			,	norganic (mg/l	_)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			Nitrite		0.05		Molybdenum(T)		150
			Phosphorus		0.00	0.11	Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
			Sunde			0.002	Silver	TVS	TVS(tr)
							Uranium		
1							Oranium		
1							Zinc	TVS	TVS
5. Mainstem o	of the Mancos River	r from Hwy 160 to th	he boundary of the Ute M	lountain Indian	Reservation	and mainst	Zinc em of Weber Canyon from s	TVS source to boundary of	TVS of the Ute
Mountain Ute	Indian Reservation.		-			and mainst	em of Weber Canyon from s	source to boundary o	
Mountain Ute COSJLP05	Indian Reservation.		-	lountain Indian al and Biologi	cal		em of Weber Canyon from s	source to boundary o letals (ug/L)	of the Ute
Mountain Ute COSJLP05 Designation	Indian Reservation. Classifications Agriculture		Physic		cal DM	MWAT	em of Weber Canyon from s	source to boundary o	
Mountain Ute COSJLP05	Indian Reservation. Classifications Agriculture Aq Life Warm 1		-		cal DM WS-II	<b>MWAT</b> WS-II	em of Weber Canyon from s	source to boundary c letals (ug/L) acute 	of the Ute chronic 
Mountain Ute COSJLP05 Designation	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E	5/1 - 10/31	Physic Temperature °C		cal DM WS-II acute	MWAT WS-II chronic	em of Weber Canyon from s	source to boundary c letals (ug/L) acute	of the Ute chronic 
Mountain Ute COSJLP05 Designation	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N		Physic Temperature °C D.O. (mg/L)		cal DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	source to boundary o letals (ug/L) acute  340 	of the Ute chronic  0.02
Mountain Ute COSJLP05 Designation Reviewable	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH		cal DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Source to boundary of Tetals (ug/L) acute  340 	of the Ute chronic  0.02 
Mountain Ute COSJLP05 Designation Reviewable Qualifiers:	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	al and Biologi	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Retals (ug/L) Acute  340  TVS	of the Ute chronic  0.02  TVS
Mountain Ute COSJLP05 Designation Reviewable	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150* 126	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Source to boundary of Tetals (ug/L) acute  340 	of the Ute chronic  0.02  TVS 
Mountain Ute COSJLP05 Designation Reviewable Qualifiers:	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	al and Biologi	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	source to boundary of tetals (ug/L) acute  340  TVS 5.0 	of the Ute chronic  0.02  TVS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Indification(s): ic) = hybrid	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50	of the Ute chronic  0.02  TVS  TVS 
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Indification(s):	5/1 - 10/31	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	cal DM WS-II acute  6.5 - 9.0  	MWAT WS-II chronic 5.0  150* 126	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III	Source to boundary of Tetals (ug/L) acute  340  TVS 5.0  50 TVS	of the Ute chronic  0.02  TVS  TVS  TVS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) =	5/1 - 10/31 11/1 - 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    	MWAT WS-II chronic 5.0  150* 126	em of Weber Canyon from s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50	of the Ute Chronic   0.02  TVS  TVS  TVS TVS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5).	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0   	MWAT WS-II chronic 5.0  150* 126 630	em of Weber Canyon from s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	Source to boundary of Tetals (ug/L) acute  340  TVS 5.0  50 TVS	of the Ute Chronic   0.02  TVS  TVS  TVS  TVS WS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    	MWAT WS-II chronic 5.0  150* 126 630 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	source to boundary of letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS	of the Ute chronic  0.02  TVS  TVS  TVS  TVS WS 1000
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0     acute TVS	MWAT           WS-II           chronic           5.0              150*           630           chronic           Chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS TVS	of the Ute Chronic   0.02  TVS  TVS  TVS  TVS WS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0     acute TVS 	MWAT WS-II chronic 5.0  150* 126 630 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	source to boundary of letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS	of the Ute chronic  0.02  TVS  TVS  TVS  TVS WS 1000
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Mmmonia Boron Chloride	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0     acute TVS  TVS	MWAT WS-II chronic 5.0  150* 126 630  630  Chronic TVS 0.75 250	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS TVS	of the Ute chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chronin Expiration Dat *chlorophyll a the facilities lis *Phosphorus(official states and st	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0        -	MWAT           WS-II           chronic           5.0           120           150*           630           Chronic           7VS           0.75           250           0.011	em of Weber Canyon from s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	of the Ute chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chronin Expiration Dat *chlorophyll a the facilities lis *Phosphorus(official states and st	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride Chlorine Cyanide	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  7  7  7  7  1  1  1  0.019 0.005	MWAT           WS-II           chronic           5.0           150*           126           630           Chronic           TVS           0.75           250           0.011	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	source to boundary of letals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	of the Ute chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chronin Expiration Dat *chlorophyll a the facilities lis *Phosphorus(official states and st	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/31 11/1 - 4/30	DM           WS-II           acute              6.5 - 9.0                                   0.019           0.005           10	MWAT           WS-II           chronic           5.0           150*           150*           630           Chronic           TVS           0.75           250           0.011	em of Weber Canyon from s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Source to boundary of           Ietals (ug/L)           acute              340              340              50           TVS           50           TVS           TVS           TVS           50           TVS           50           TVS	of the Ute Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  VS 0.01(t)
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0     D TVS  TVS  0.019 0.005 10 0.05	MWAT           WS-II           chronic           5.0           150*           126           630           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Source to boundary of Tetals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS	of the Ute Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  VS  1000 TVS  1000  1000  
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0      0.019 0.005 10 0.05 10	MWAT           WS-II           chronic           5.0           126           630           Chronic           700           126           630           0.011              0.011              0.011	Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	source to boundary of tetals (ug/L) acute  340  TVS 5.0 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	of the Ute Chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0          -	MWAT           WS-II           chronic           5.0           126           630           Chronic           700           126           630           0.011              0.011              0.17*           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS	of the Ute Chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Mountain Ute COSJLP05 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus((	Indian Reservation. Classifications Agriculture Aq Life Warm 1 Recreation E Recreation N Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = sted at 34.5(5). chronic) = applies o	5/1 - 10/31 11/1 - 4/30 applies only above	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0          -	MWAT           WS-II           chronic           5.0           126           630           Chronic           700           126           630           0.011              0.011              0.17*           WS	em of Weber Canyon from s Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	source to boundary of tetals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS  TVS   TVS  TVS  TVS  TVS  TVS  TVS	of the Ute chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen

T = total recoverable t = total

DM = daily maximum MWAT = maximum weekly average temperature

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

tr=trout sc=sculpin

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

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

COSJLP06A	Classifications		Physic	al and Biologi	cal		M	letals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:			рН		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)		100
							Chromium VI	TVS	TVS
			li	norganic (mg/l	L)		Copper	TVS	TVS
					acute	chronic	Iron(T)		1000
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Manganese	TVS	TVS
			Chloride				Mercury		0.01(t)
			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		
			Sulfate				Zinc	TVS	TVS
			Sulfide			0.002			
	of Mud Creek inclu	dina all tributaries	from the source to the co	onfluence with t	he West For	k of Mud Cre	eek. East Canyon from the	source to the conflue	ence with Joes
	of Mud Creek, mou	ang an inbutance					cek. East Garryon nom the		
Canyon.			1				-		
Canyon. COSJLP06B	Classifications		1	al and Biologi		MWAT	-	letals (ug/L) acute	chronic
Canyon. COSJLP06B	Classifications		1		cal		-	letals (ug/L)	
Canyon. COSJLP06B Designation	Classifications Agriculture	11/1 - 4/30	Physic		cal DM	MWAT	N	letals (ug/L) acute	
Canyon. COSJLP06B Designation	Classifications Agriculture Aq Life Warm 2		Physic		cal DM WS-II	<b>MWAT</b> WS-II	Aluminum	letals (ug/L) acute 	
Canyon. COSJLP06B Designation	Classifications Agriculture Aq Life Warm 2 Recreation N	11/1 - 4/30	Physic Temperature °C		DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	letals (ug/L) acute  340	chronic 
Canyon. COSJLP06B Designation	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Temperature °C D.O. (mg/L)		DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	letals (ug/L) acute  340 	chronic   0.02-10 <sup>A</sup>
Canyon. COSJLP06B Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Temperature °C D.O. (mg/L) pH		cal DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340 	chronic   0.02-10 <sup>A</sup> 
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	al and Biologi	Cal DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	letals (ug/L) acute  340   TVS	chronic  0.02-10 <sup>A</sup>  TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	Cal DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	letals (ug/L) acute  340  TVS 5.0	chronic  0.02-10 <sup>A</sup>  TVS 
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	al and Biologi 5/1 - 10/31	Cal DM WS-II acute  6.5 - 9.0  	MWAT WS-II chronic 5.0  150 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	letals (ug/L) acute  340  TVS 5.0 TVS	chronic  0.02-10 <sup>A</sup>  TVS  TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	Cal DM WS-II acute  6.5 - 9.0  	MWAT WS-II chronic 5.0  150 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	letals (ug/L)  340  TVS 5.0 TVS 	chronic  0.02-10 A  TVS  TVS 100
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0   	MWAT WS-II chronic 5.0  150 205 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	letals (ug/L) acute  340  TVS 5.0 TVS  TVS	chronic  0.02-10 A  TVS  TVS 100 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	Cal DM WS-II acute 6.5 - 9.0    L) acute	MWAT WS-II chronic 5.0  150 205 630 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Itetals (ug/L)           acute              340              TVS           5.0           TVS           TVS           TVS           TVS           TVS           TVS	chronic  0.02-10 <sup>A</sup>  TVS  TVS 100 TVS TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         In         Ammonia	5/1 - 10/31 11/1 - 4/30	Cal DM WS-II acute 6.5 - 9.0    L) acute TVS	MWAT           WS-II           chronic           5.0              150           205           630           chronic           TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Itetals (ug/L)           acute              340              TVS           5.0           TVS              TVS              TVS	chronic  0.02-10 <sup>A</sup>  TVS  TVS 100 TVS 100 TVS TVS WS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Image: Coli (per 100 mL)         Ammonia         Boron	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0   L) acute TVS 	MWAT WS-II chronic 5.0  150 205 630 630 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute            340            TVS         5.0         TVS         TVS         TVS            TVS            TVS            TVS            TVS            TVS         TVS         TVS         TVS         TVS	chronic  0.02-10 <sup>A</sup>  TVS  TVS 100 TVS 100 TVS STVS WS 1000
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute 6.5 - 9.0    L) acute TVS 	MWAT WS-II chronic 5.0  150 205 630 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute            340            TVS         5.0         TVS         TVS            TVS            TVS            TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS	chronic  0.02-10 A  TVS  TVS 100 TVS TVS WS 1000 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine	5/1 - 10/31 11/1 - 4/30	Cal DM WS-II acute  6.5 - 9.0  6.5 - 9.0   Cute TVS  TVS  TVS  Cute	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Itetals (ug/L)           acute              340              TVS           5.0           TVS           Structure           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           5.0           TVS           5.0	chronic  0.02-10 A  TVS  TVS 100 TVS TVS WS 1000 TVS 1000 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chloride         Cyanide	5/1 - 10/31 11/1 - 4/30	ical DM WS-II acute  6.5 - 9.0  6.5 - 9.0   0.5 - 9.0   C 	MWAT WS-II chronic 5.0  150 205 630 (0.01 TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Itetals (ug/L)           acute              340              TVS           5.0           TVS           TVS           TVS           TVS           TVS           TVS           5.0           TVS           5.0           TVS	chronic  0.02-10 A  TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	5/1 - 10/31 11/1 - 4/30	DM           WS-II           acute              6.5 - 9.0                                   0.019           0.005           10	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute            340            TVS         5.0         TVS            TVS            TVS         5.0         TVS            TVS         5.0         TVS         TVS <tr tt=""></tr>	chronic  0.02-10 A  TVS TVS 100 TVS 100 TVS S 1000 TVS 1000 TVS 0.01(t)
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Gamma         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	5/1 - 10/31 11/1 - 4/30	ical DM WS-II acute  6.5 - 9.0    C. D V S C. D V S C. D C C C C C C C C C C C C C C C C C	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute         acute         340            340            TVS         5.0         TVS            TVS            TVS         5.0         TVS            TVS         TVS            TVS            TVS            TVS         50         TVS               TVS            TVS            TVS <tr tr="">        &lt;</tr>	chronic  0.02-10 A  TVS TVS 100 TVS 100 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	5/1 - 10/31 11/1 - 4/30	cal DM WS-II acute  6.5 - 9.0    CU DU DU DU DU DU DU DU DU DU DU DU DU DU	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011                 0.011              0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute         acute	chronic  0.02-10 A  TVS  TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS S WS 1000 TVS S WS 1000 TVS
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Gamma         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/31 11/1 - 4/30	ical DM WS-II acute  6.5 - 9.0     CU DU DU 0.05 10 0.05 10 0.05	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011              0.011              0.17           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)	letals (ug/L)         acute            340            TVS         5.0         TVS         5.0         TVS         5.0         TVS         5.0         TVS         5.0         TVS         5.0         TVS         TVS <tr tr=""> <tr tr=""> </tr></tr>	chronic  0.02-10 A  TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS US 1000 TVS 0.01(t) 150 TVS 0.01(t)
Canyon. COSJLP06B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation N Recreation P	11/1 - 4/30	Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Gamma         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/31 11/1 - 4/30	ical DM WS-II acute  6.5 - 9.0     CU DU DU 0.05 10 0.05 10 0.05	MWAT           WS-II           chronic           5.0           150           205           630           Chronic           TVS           0.75           250           0.011              0.011              0.17           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	letals (ug/L)         acute            340            340            TVS         5.0         TVS         5.0         TVS            TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS	chronic  0.02-10 A  TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 0.01(t) 150 TVS

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

		a Verde National Park.					
COSJLP06C	Classifications	Physical and	Biological		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgar	nic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		
		Nitrite	0.05		Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
	of McElmo Creek from the source to th th McElmo Creek.	e confluence with Alkali Canyor	n. Mainstem of Yello	w Jacket Cre	eek, including all tributaries a	and wetlands, from th	ne source to the
	Classifications	Physical and	Biological		M	etals (ug/L)	
	Classifications Agriculture	Physical and	Biological DM	MWAT	M	etals (ug/L) acute	chronic
Designation		Physical and Temperature °C		MWAT WS-II	M		chronic
<b>Designation</b> Reviewable	Agriculture		DM			acute	
<b>Designation</b> Reviewable	Agriculture Aq Life Warm 1		DM WS-II	WS-II	Aluminum	acute	
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1	Temperature °C	DM WS-II acute	WS-II chronic	Aluminum Arsenic	acute  340	
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Designation Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Warm 1 Recreation E odification(s):	Temperature °C D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  7.6 
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0  	WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	 7.6  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions e of 6/30/2020	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  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute  340  TVS TVS	 7.6  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions e of 6/30/2020 (mg/m²)(chronic) = applies only above	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0   hic (mg/L)	WS-II chronic 5.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute  340  TVS TVS TVS	 7.6  TVS TVS 100
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	DM WS-II acute  6.5 - 9.0   tic (mg/L) acute	WS-II chronic 5.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute  340  TVS TVS  TVS	 7.6  TVS TVS 100 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a i the facilities lis	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia	DM WS-II acute  6.5 - 9.0   sic (mg/L) acute TVS	WS-II chronic 5.0  150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS TVS  TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	DM WS-II acute  6.5 - 9.0  sic (mg/L) acute TVS 	WS-II chronic 5.0  150* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 2200
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	DM WS-II acute  6.5 - 9.0   sic (mg/L) acute TVS 	WS-II chronic 5.0  150* 126  Chronic TVS 0.75 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	acute  340  TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 2200 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	DM WS-II acute  6.5 - 9.0  () with (mg/L) acute TVS   0.019	WS-II chronic 5.0  150* 126 Chronic TVS 0.75  0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS	 7.6  TVS TVS 100 TVS TVS 2200 TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	WS-II chronic 5.0  150* 126 Chronic TVS 0.75  0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	acute 340 TVS	 7.6 7.6 7VS 7VS 100 7VS 7VS 2200 7VS 7VS 7VS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute  6.5 - 9.0  tic (mg/L) acute TVS  0.019 0.005 100	WS-II chronic 5.0  150* 126 chronic TVS 0.75  0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	acute 340 TVS	 7.6  TVS TVS 100 TVS 2200 TVS 2200 TVS TVS 0.01(t) 150
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute  6.5 - 9.0   sic (mg/L) acute TVS  0.019 0.005 100 0.05	WS-II chronic 5.0 150* 126 chronic TVS 0.75  0.011  1.00 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS	 7.6  TVS TVS 100 TVS 2200 TVS 2200 TVS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/c Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 1 Recreation E odification(s): ch) = current conditions te of 6/30/2020 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0   itic (mg/L) acute TVS  0.019 0.005 100 0.05 100	WS-II chronic 5.0 150* 126 Chronic TVS 0.75 0.011  0.011  0.17*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	acute 340 TVS	 7.6  TVS TVS 100 TVS 2200 TVS 2200 TVS 0.01(t) 150 TVS TVS

D.O. = dissolved oxygen

COSJLP07B Designation Reviewable	01	with Alkali Canyon to the Colora	ido/Utah border, ex	cept portion	1		
-	Classifications	Physical and	Biological		I	Metals (ug/L)	
Reviewable	Agriculture		DM	MWAT		acute	chronic
	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgani	c (mg/L)		Chromium III	TVS	TVS
			acute	chronic	Chromium III(T)		100
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		2200
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	0.05		Manganese	TVS	TVS/WS
		Phosphorus			Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
COSJLP08 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	1	Metals (ug/L) acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	$(mg/m^2)$ (chronic) = applies only above	Inorgani		.20	Chromium III	TVS	TVS
	sted at 34.5(5). chronic) = applies only above the	linorgani	acute	chronic	Chromium III(T)	50	
acilities listed	l at 34.5(5).	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chionde		230	lron(T)		1000
		Chlorino	0.010	0.011			1000
		Chlorine	0.019	0.011		TV/S	2//7
		Cyanide	0.005		Lead	TVS	TVS
		Cyanide Nitrate	0.005 10		Lead Lead(T)	50	
		Cyanide Nitrate Nitrite	0.005 10 0.05		Lead Lead(T) Manganese	50 TVS	 TVS/WS
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 0.05	  0.17*	Lead Lead(T) Manganese Mercury	50 TVS 	 TVS/WS 0.01(t)
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 0.05 	  0.17* WS	Lead Lead(T) Manganese Mercury Molybdenum(T)	50 TVS 	 TVS/WS 0.01(t) 150
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 0.05	  0.17*	Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	50 TVS  TVS	 TVS/WS 0.01(t) 150 TVS
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 0.05 	  0.17* WS	Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	50 TVS  TVS 	 TVS/WS 0.01(t) 150 TVS 100
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 0.05 	  0.17* WS	Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	50 TVS  TVS  TVS	 TVS/WS 0.01(t) 150 TVS 100 TVS
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 0.05 	  0.17* WS	Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	50 TVS  TVS 	 TVS/WS 0.01(t) 150 TVS 100

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 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

sc=sculpin

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COSJLP09	Classifications	Physical and	Biological		M	letals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
	ch) = current conditions	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
`	te of 6/30/2020	Inorgar	iic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5).	Ammonia	TVS	TVS	Copper	TVS	TVS
Phosphorus( acilities listed	chronic) = applies only above the $1 + 24.5(5)$	Boron		0.75	lron(T)		1000
aciinties iisteu	i al 34.3(3).	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite	0.05		Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		250	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		Culluo		0.002	Zinc	TVS	TVS
Segments 10t COSJLP10	Classifications	Physical and	Biological		м	letals (ug/L)	
Designation	Agriculture		DM				
JP			DIM	MWAT		acute	chronic
	Aq Life Warm 2	Temperature °C	WS-III	MWAT WS-III	Aluminum	acute	
	Aq Life Warm 2 Recreation E	Temperature °C			Aluminum Arsenic		
		Temperature °C D.O. (mg/L)	WS-III	WS-III			
Qualifiers:			WS-III acute	WS-III chronic	Arsenic	 340	
Qualifiers: Other:	Recreation E	D.O. (mg/L)	WS-III acute 	WS-III chronic 5.0	Arsenic Arsenic(T)	 340 	  7.6
Qualifiers: Dther: chlorophyll a		D.O. (mg/L) pH	WS-III acute  6.5 - 9.0	WS-III chronic 5.0	Arsenic Arsenic(T) Beryllium	 340 	 7.6  100
Qualifiers: Dther: Tchlorophyll a he facilities lis Phosphorus(	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute  6.5 - 9.0 	WS-III chronic 5.0  150*	Arsenic Arsenic(T) Beryllium Beryllium(T)	 340  	 7.6  100 TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute  6.5 - 9.0 	WS-III chronic 5.0  150*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium	 340   TVS	 7.6  100 TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute  6.5 - 9.0   hic (mg/L)	WS-III chronic 5.0  150* 126	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III	 340   TVS TVS	 7.6  100 TVS TVS 100
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	WS-III acute 6.5 - 9.0  tic (mg/L) acute	WS-III chronic 5.0  150* 126 chronic	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	 340   TVS TVS TVS 	 7.6  100 TVS TVS 100 TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia	WS-III acute 6.5 - 9.0   itic (mg/L) acute TVS	WS-III chronic 5.0  150* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI	 340   TVS TVS  TVS	 7.6  100 TVS TVS 100 TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	WS-III acute 6.5 - 9.0   itic (mg/L) acute TVS	WS-III chronic 5.0  150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	 340  TVS TVS TVS TVS TVS TVS	 7.6  100 TVS TVS 100 TVS TVS 1000
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	WS-III acute  6.5 - 9.0  itic (mg/L) acute TVS 	WS-III chronic 5.0  150* 126 Chronic TVS 0.75 	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 340  TVS TVS TVS TVS TVS TVS	 7.6  100 TVS 100 TVS 1000 TVS 1000 TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	WS-III       acute          6.5 - 9.0                ic (mg/L)       acute       TVS             0.019	WS-III chronic 5.0  150* 126 Chronic TVS 0.75  0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 340  TVS TVS  TVS TVS TVS TVS	 7.6  100 TVS 100 TVS 1000 TVS 1000 TVS
Qualifiers: Dther: Tchlorophyll a he facilities lis Phosphorus(	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	WS-III       acute          6.5 - 9.0                ic (mg/L)       acute       TVS          0.019       0.005	WS-III chronic 5.0  150* 126 chronic TVS 0.75  0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	 340  TVS TVS TVS TVS TVS TVS TVS TVS	7.6  100 TVS TVS 100 TVS TVS
Qualifiers: Dther: chlorophyll a he facilities lis Phosphorus(i	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-III           acute              6.5 - 9.0              ici (mg/L)           acute           TVS              0.019           0.005           100	WS-III chronic 5.0  150* 126 chronic TVS 0.75  0.011  	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  100 TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150
Qualifiers: Dther: Tchlorophyll a he facilities lis Phosphorus(	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-III           acute              6.5 - 9.0              ic (mg/L)           acute           TVS              0.019           0.005           100	WS-III chronic 5.0 150* 126 chronic TVS 0.75  0.011  126 	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  100 TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Other: 'chlorophyll a he facilities lis 'Phosphorus()	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-III           acute              6.5 - 9.0                          no           0.019           0.005           100                       0.019           0.005           100	WS-III chronic 5.0 150* 126 Chronic TVS 0.75 0.011  0.011  0.17*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  100 TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS TVS
Qualifiers: Other: *chlorophyll a the facilities lis	Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	WS-III         acute            6.5 - 9.0                  no         0.019         0.005         100	WS-III chronic 5.0 150* 126 Chronic TVS 0.75 0.011  0.011  0.017*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  100 TVS 100 TVS 1000 TVS 1000 TVS 0.01(t)

D.O. = dissolved oxygen

### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

COSJLP11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	Inorgan	ic (mg/L)		Chromium III		TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.		acute	chronic	Chromium III(T)	50	
eservoirs larg	ger mail 25 acres surface area.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	0.5		Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
12. All lakes a	and reservoirs tributary to the La Plata	River from the source to the Hay	Gulch diversion so	uth of Hespe	erus.		
COSJLP12	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
)ther:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
<b>Other:</b> emporary M	lodification(s):	pH chlorophyll a (ug/L)	6.5 - 9.0	 8*	Cadmium Cadmium(T)	TVS(tr) 5.0	TVS
emporary M	lodification(s): ic) = hybrid		6.5 - 9.0 				
emporary M	ic) = hybrid	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
emporary M rsenic(chron Expiration Dat	nic) = hybrid te of 12/31/2021	chlorophyll a (ug/L) E. Coli (per 100 mL)		8*	Cadmium(T) Chromium III	5.0	TVS  TVS  TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL)		8*	Cadmium(T) Chromium III Chromium III(T)	5.0  50	 TVS 
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL)	  iic (mg/L)	8* 126	Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0  50 TVS	TVS  TVS TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	  ic (mg/L) acute	8* 126 chronic	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0  50 TVS TVS	TVS TVS TVS TVS WS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia	  nic (mg/L) acute TVS	8* 126 chronic TVS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0  50 TVS TVS 	 TVS TVS TVS WS 1000
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	  iic (mg/L) acute TVS 	8* 126 <b>chronic</b> TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	5.0  50 TVS TVS 	 TVS TVS TVS WS 1000 TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	  iic (mg/L) acute TVS  	8* 126 <b>chronic</b> TVS 0.75 250	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0  50 TVS TVS  TVS	 TVS TVS WS 1000 TVS
emporary M rsenic(chron xpiration Dat hlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	 iic (mg/L) acute TVS  0.019 0.005	8* 126 <b>chronic</b> TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	5.0  50 TVS TVS  TVS 50	TVS TVS TVS 1000 TVS TVS/WS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	 iic (mg/L) acute TVS  0.019 0.005 10	8* 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	5.0  50 TVS TVS  TVS 50 TVS	TVS TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate	  iic (mg/L) TVS  TVS  0.019 0.005 10 0.05	8* 126 <b>chronic</b> TVS 0.75 250 0.011  	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
emporary M rsenic(chron xpiration Dat hlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	  iic (mg/L) CVS  TVS  0.019 0.005 10 0.05 	8* 126 <b>chronic</b> 7VS 0.75 250 0.011   0.025*	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	5.0  50 TVS TVS  TVS 50 TVS  TVS	TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 150 TVS
emporary M rsenic(chron xpiration Dat hlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 iic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	8* 126 <b>chronic</b> 7VS 0.75 250 0.011 0.011  0.025* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	TVS TVS TVS 1000 TVS TVSWS 0.01(t) 150 TVS 100
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	  iic (mg/L) CVS  TVS  0.019 0.005 10 0.05 	8* 126 <b>chronic</b> 7VS 0.75 250 0.011   0.025*	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	5.0 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	TVS TVS TVS 000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 iic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	8* 126 <b>chronic</b> 7VS 0.75 250 0.011 0.011  0.025* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	5.0 5.0 TVS TVS TVS 50 TVS 50 TVS 50 TVS  TVS TVS TVS	 TVS TVS TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS
emporary M rsenic(chron xpiration Dat chlorophyll a nd reservoirs Phosphorus(i	ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 iic (mg/L) acute TVS  0.019 0.005 10 0.005 10 0.05	8* 126 <b>chronic</b> 7VS 0.75 250 0.011 0.011  0.025* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	5.0 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	TVS TVS TVS 000 TVS 0.01(t) 150 TVS 100 TVS 0.01(t) 150 TVS

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

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

sc=sculpin

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	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Ag Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
Qualifiers:	1	D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		205	Chromium III	TVS	TVS
Phosphorus(	chronic) = applies only to lakes and	Inorgani	c (ma/L)		Chromium III(T)		100
eservoirs larg	er than 25 acres surface area.		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite	0.05		Nickel	TVS	TVS
		Phosphorus		0.083*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
	nd reservoirs tributary to the La Plata F					o border. The segme	nt includes
COSJLP14	rvoir (a.k.a. Red Mesa Ward Reservoir Classifications	Physical and Long Hollow Reservoir (a.F	, ,	or Reservoir).		letals (ug/L)	
Designation		i njoloal alla	Sielegieai				
Boorgination	Agriculture		DM	MWAT			chronic
IP	Agriculture Ag Life Warm 2	Temperature °C	DM	MWAT	Aluminum	acute	chronic
JP	Agriculture Aq Life Warm 2 Recreation E	Temperature °C	WL	WL	Aluminum	acute	
	Aq Life Warm 2		WL acute	WL chronic	Arsenic	acute  340	
UP Qualifiers: Fish Ingestio	Aq Life Warm 2 Recreation E	D.O. (mg/L)	WL acute 	WL chronic 5.0	Arsenic Arsenic(T)	acute  340 	  7.6
Qualifiers: Fish Ingestio	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH	WL acute  6.5 - 9.0	WL chronic 5.0 	Arsenic Arsenic(T) Beryllium	acute  340 	  7.6 
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute  6.5 - 9.0 	WL chronic 5.0  20*	Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	 7.6  TVS
Qualifiers: Fish Ingestio Dther:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute  6.5 - 9.0 	WL chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute  340  TVS TVS	 7.6  TVS TVS
Qualifiers: Fish Ingestio Other: Southern Ute	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute  6.5 - 9.0   c (mg/L)	WL chronic 5.0  20* 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute  340  TVS TVS TVS	 7.6 TVS TVS 100
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	WL acute  6.5 - 9.0  c (mg/L) acute	WL chronic 5.0  20* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute  340  TVS TVS  TVS	 7.6  TVS TVS 100 TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	WL acute 6.5 - 9.0  c (mg/L) TVS	WL chronic 5.0  20* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	WL acute  6.5 - 9.0  c (mg/L) acute	WL chronic 5.0  20* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute  340  TVS TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS TVS 1000
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	WL acute  6.5 - 9.0  c (mg/L) TVS TVS	WL chronic 5.0  20* 126 Chronic TVS 0.75 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	acute  340  TVS TVS  TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS 1000 TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a ind reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	WL       acute          6.5 - 9.0                c (mg/L)       acute       TVS          0.019	WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	WL       acute          6.5 - 9.0                c (mg/L)       acute       TVS          0.019       0.005	WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6 7.5 TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t)
Qualifiers: Fish Ingestio Other: Southern Ute ichlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	WL       acute          6.5 - 9.0             c       (mg/L)       acute       TVS          0.019       0.005       100	WL         chronic         5.0            20*         126         chronic         TVS         0.75            0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	acute 340 TVS	 7.6 7.5 TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WL           acute              6.5 - 9.0                 c(mg/L)           acute           TVS              0.019           0.005           100           0.05	WL chronic 5.0 20* 126 chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a ind reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WL           acute              6.5 - 9.0                    c(mg/L)           TVS              0.019           0.005           100           0.05	WL chronic 5.0  20* 126 Chronic Chronic 0.75  0.011  0.011  0.011  0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	acute  340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS TVS
Qualifiers: Fish Ingestio Other: Southern Ute chlorophyll a and reservoirs Phosphorus(i	Aq Life Warm 2 Recreation E n Indian Reservation (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WL           acute              6.5 - 9.0                 c(mg/L)           acute           TVS              0.019           0.005           100           0.05	WL chronic 5.0 20* 126 chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS

#### **REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS** La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

15. All lakes and reservoirs tributary to the Mancos River from the source of the East, West and Middle Forks to Hwy 160, except for the specific listing in Segment 4b. This segment

	1	Lake, Little Bauer I	Reservoir, Hackley Rese			, and Copping	-		
COSJLP15	Classifications		Physic	cal and Biologi				Metals (ug/L)	
-	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		0.02
0	Water Supply		D.O. (spawning)			7.0	Beryllium		
Qualifiers:			рH		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (ug/L)			8*	Cadmium(T)	5.0	
*chlorophyll a	(ug/L)(chronic) = ar	onlines only to lakes	E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		TVS
and reservoirs	larger than 25 acre	es surface area.	E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)	50	
	chronic) = applies o jer than 25 acres su		I	Inorganic (mg/l	L)		Chromium VI	TVS	TVS
· · · · · · · · · · · · · · · · · · ·	,				acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(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		0.01(t)
			Nitrite		0.05		Molybdenum(T)		150
			Phosphorus			0.025*	Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
							Silver	TVS	TVS(tr)
							Uranium		
							Zinc	TVS	TVS
16. All lakes a	nd reservoirs tributa	ary to the Mancos R	River, from Hwy 160 to th	ne boundary of t	he Ute Mou	ntain Indian I	Reservation.		
COSJLP16	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:			рН		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (ug/L)			20*	Cadmium	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III	TVS	TVS
	(ug/L)(chronic) = ap a larger than 25 acre		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)		100
*Phosphorus(	chronic) = applies o	nly to lakes and					Chromium VI	TVS	TVS
reservoirs larg	jer than 25 acres su	irface area.		Inorganic (mg/l	L)		Copper	TVS	TVS
				0 (0	acute	chronic	Iron(T)		1000
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Manganese	TVS	TVS
			Chloride				Mercury		0.01(t)
			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		0.05	0.083*	Uranium		
							Zinc	2//7	2V/T
			Sulfate			0.000	Zinc	TVS	TVS

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COSJLP17	Classifications	River in Montezuma Dolores and Physical and I		nies except id		/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pH	6.5 - 9.0		Beryllium		
Juliel.		chlorophyll a (ug/L)		20*	Beryllium(T)		100
	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		126	Cadmium	TVS	TVS
	s larger than 25 acres surface area. chronic) = applies only above the	Inorgani			Chromium III	TVS	TVS
	at 34.5(5), applies only to lakes and ger than 25 acres surface area.	liningun	acute	chronic	Chromium III(T)		100
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride			Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	100		Mercury		0.01(t)
		Nitrite			Molybdenum(T)		150
		Phosphorus		0.083*	Nickel	TVS	TVS
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
				0.002	Uranium		
					Zinc	TVS	TVS
18 All lakes a							
10. All lands a	and reservoirs tributary to Yellow Jacket	t Creek, from the source to the co	onfluence with McE	Imo Creek.			
COSJLP18	nd reservoirs tributary to Yellow Jacker Classifications	t Creek, from the source to the co Physical and I		Imo Creek.	N	/letals (ug/L)	
COSJLP18				Elmo Creek.	N	/letals (ug/L) acute	chronic
	Classifications		Biological		Aluminum	,	chronic
COSJLP18 Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT		acute	chronic 
COSJLP18 Designation	Classifications Agriculture Aq Life Warm 1	Physical and I	Biological DM WL	MWAT WL	Aluminum	acute	
COSJLP18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and I Temperature °C	Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic	acute  340	
COSJLP18 Designation Reviewable Qualifiers: Dther:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM WL acute 	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	  7.6
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a	Classifications Agriculture Aq Life Warm 1	Physical and I Temperature °C D.O. (mg/L) pH	Biological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	 7.6 
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	Biological DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	 7.6  TVS
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0  20*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute  340  TVS TVS	 7.6  TVS TVS
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM WL acute  6.5 - 9.0   c (mg/L)	MWAT WL chronic 5.0  20* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute  340  TVS TVS TVS	 7.6  TVS TVS 100
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	Biological DM WL acute 6.5 - 9.0  c (mg/L) acute	MWAT WL chronic 5.0  20* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute  340  TVS TVS TVS  TVS	 7.6  TVS TVS 100 TVS
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a ind reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WL acute 6.5 - 9.0  c (mg/L) acute TVS	MWAT WL chronic 5.0  20* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WL acute  6.5 - 9.0  c (mg/L) TVS 	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute  340  TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS 2200
COSJLP18 eesignation eeviewable aualifiers: other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WL acute  6.5 - 9.0  c (mg/L) TVS  TVS	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	acute  340  TVS TVS  TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS 2200 TVS
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WL acute  6.5 - 9.0  c (mg/L) C (mg/L)  C (mg/L)	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS 2200 TVS TVS 2200
COSJLP18 Designation Reviewable Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT WL chronic 5.0  20* 126 0.01 TVS 0.75 0.75  0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6 7VS TVS 100 TVS 2200 TVS 2200 TVS 0.01(t)
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a ind reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WL acute  6.5 - 9.0  c (mg/L) acute T∨S  c (mg/L) 0.019 0.005 100	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	acute 340 TVS	 7.6  TVS TVS 100 TVS 2200 TVS 2200 TVS TVS 0.01(t) 150
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a ind reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WL acute  6.5 - 9.0  c (mg/L) C (mg/L) acute T√S  0.019 0.005 100 0.05	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6 7.5 7VS 7VS 100 7VS 2200 7VS 2200 7VS 7VS 0.01(t) 150 7VS
COSJLP18 Designation Reviewable Qualifiers: Dther: chlorophyll a nd reservoirs Phosphorus(	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM VL acute  6.5 - 9.0  () C (mg/L) C (mg/L) 0.019 0.005 100 0.05 100	MWAT WL chronic 5.0  20* 126 Chronic TVS 0.75  0.011  0.011  0.083*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	acute  340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS 2200 TVS 2200 TVS TVS 0.01(t) 150 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. This segment includes Denny Lake.

includes Denn	у Lаке.						
COSJLP19	Classifications	Physical and Biolo	gical		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Fish Ingestion	n	рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (m	g/L)		Chromium III(T)		100
	chronic) = applies only to lakes and er than 25 acres surface area.		acute	chronic	Chromium VI	TVS	TVS
reservoirs larg	er than 25 acres surface area.	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite	0.05		Nickel	TVS	TVS
		Phosphorus		0.083*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

1. All tributarie	s to the Dolores River and West Do	ores River, including all wetlands, tributa	aries, which ar	e within the	Lizard Head Wilderness	s area.	
	Classifications	Physical and Biolo				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chronic		E. Coli (per 100 mL)		126	Chromium III		TVS
-	e of 12/31/2021				Chromium III(T)	50	
		Inorganic (mg	j/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cuilde		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS(sc)
2. Mainstem of	f the Dolores River from the source	to a point immediately above the conflue	nce with Hors	e Creek.			
COSJDO02	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
				03-1			
	Recreation E		acute	chronic	Arsenic	 340	
	Recreation E Water Supply	D.O. (mg/L)	acute				
Qualifiers:		D.O. (mg/L) D.O. (spawning)		chronic	Arsenic	340	
				chronic 6.0	Arsenic Arsenic(T)	340	
Qualifiers:	Water Supply	D.O. (spawning)		<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium	340 	 0.02 
Qualifiers: Other:	Water Supply odification(s):	D.O. (spawning) pH	  6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	340  TVS(tr)	 0.02 
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS(tr) 5.0	 0.02  TVS 
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0  	<b>chronic</b> 6.0 7.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg	 6.5 - 9.0  y/L) acute	chronic           6.0           7.0           150           126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS TVS TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia	 6.5 - 9.0  y/L) acute TVS	chronic           6.0           7.0           150           126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron	 6.5 - 9.0  //L) acute TVS 	chronic           6.0           7.0           150           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride	 6.5 - 9.0   g/L) acute TVS  TVS	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine	 6.5 - 9.0   g/L) acute TVS  TVS  0.019	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0   y/L) acute TVS  0.019 0.005	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0   y/L) acute TV/S  0.019 0.005 10	chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0   ()     0.019 0.005 10 0.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS SUS 1000 TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus	 6.5 - 9.0   ()  ()   0.019 0.005 10 0.05 10 0.05	chronic         6.0         7.0         150         126         0.75         250         0.011            0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   ()  ()  ()  ()  ()  ()  ()  ()  ()  ()  () () () () () () () () () ()	chronic         6.0         7.0         150         126         0.75         250         0.011            0.011            0.11         WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers: Other: Temporary Mo Arsenic(chronic	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   ()  ()  ()  ()  ()  ()  ()  ()  ()  ()  () () () () () () () () () ()	chronic         6.0         7.0         150         126         0.75         250         0.011            0.011            0.11         WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02 TVS TVS TVS VS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 1000 TVS 1000 TVS

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

t = total

tr=trout sc=sculpin

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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3. Mainstem of	f the Dolores River from a point immed	liately above the confluence with Hor	se Creek to a r	oint immedi	ately above the confluenc	e with Bear Creek.	
COSJDO03	Classifications	Physical and Biological Physical Physic	-		,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
-	e of 12/31/2021				Chromium III(T)	50	
		Inorganic (m	g/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/255
		Nitrate	10		Mercury		0.01(t)
		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		
					Zinc	TVS	TVS
4a. Mainstem	of the Dolores River from a point imme	diately above the confluence with Be	on Cupply to the				(m. )
			ar Creek to the	e bridge at B	radfield Ranch (Forest Ro	oute 505, near Montezu	ima/Dolores
County Line).				e bridge at B	radfield Ranch (Forest Ro		ima/Dolores
County Line).	Classifications	Physical and Biolo	ogical	-	radfield Ranch (Forest Ro	Metals (ug/L)	
County Line).	Classifications Agriculture	Physical and Biol	ogical DM	MWAT			chronic
County Line). COSJDO04A Designation	Classifications		ogical	-	Aluminum	Metals (ug/L) acute 	chronic
County Line). COSJDO04A Designation	Classifications Agriculture Aq Life Cold 1	Physical and Biole	ogical DM CS-II	MWAT CS-II	Aluminum Arsenic	Metals (ug/L)	chronic 
County Line). COSJDO04A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biolo Temperature °C D.O. (mg/L)	Dgical DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340	chronic 
County Line). COSJDO04A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biole	Dgical DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute  340 	<b>chronic</b>  0.02 
County Line). COSJD004A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning)	Dgical DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340 	chronic 
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr)	chronic  0.02  TVS 
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biolo 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  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Dgical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities is	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 34.5(5).	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Digical DM CS-II acute  6.5 - 9.0   g/L)	MWAT CS-II chronic 6.0 7.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  T√S(tr) 5.0  50 T√S	chronic  0.02  TVS  TVS 
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m	DM CS-II acute  6.5 - 9.0   g/L) acute	MWAT           CS-II           chronic           6.0           7.0              150*           126           chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         TVS	Chronic  0.02  TVS  TVS  TVS
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities is	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia	bgical DM CS-II acute  6.5 - 9.0  ( () (	MWAT           CS-II           chronic           6.0           7.0              150*           126           chronic           TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  T√S(tr) 5.0  50 T√S	chronic  0.02  TVS  TVS  TVS TVS TVS WS
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	Dyical DM CS-II acute  6.5 - 9.0  ( g/L) acute TVS 	MWAT           CS-II           chronic           6.0           7.0           150*           126           chronic           TVS           0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS  TVS TVS TVS TVS S TVS S S S S 1000
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	bgical DM CS-II acute  6.5 - 9.0  (g/L) acute TVS  	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         TVS            50         TVS         TVS <t< td=""><td>chronic  0.02  TVS  TVS  TVS TVS TVS WS</td></t<>	chronic  0.02  TVS  TVS  TVS TVS TVS WS
County Line). COSJDO04A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	bgical DM CS-II acute  6.5 - 9.0  (5.5 - 9.0)  (5.5 - 9.0) 	MWAT           CS-II           chronic           6.0           7.0           126           126           chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)         acute            340               TVS(tr)         5.0         TVS         50         TVS         TVS         TVS         TVS         TVS         TVS         50         TVS         50         50         TVS         50         50         TVS         50         50	chronic  0.02  TVS  TVS TVS TVS S VVS 1000 TVS
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	bgical DM CS-II acute  6.5 - 9.0  (g/L) acute TVS  	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)         acute            340            TVS(tr)         5.0            50         TVS         TVS         TVS            50         TVS         TVS <td>chronic  0.02  TVS  TVS  TVS TVS TVS S TVS S S S S 1000</td>	chronic  0.02  TVS  TVS  TVS TVS TVS S TVS S S S S 1000
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	bgical DM CS-II acute  6.5 - 9.0  ( () (	MWAT           CS-II           chronic           6.0           7.0           150*           126           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)         acute            340            7VS(tr)         5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0            5.0	chronic              0.02              TVS           TVS           TVS           MS           TVS
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM           CS-II           acute              6.5 - 9.0                 g/L)           acute           0.019           0.005           10           0.05	MWAT           CS-II           chronic           6.0           7.0           150*           126           Chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            5.0            50         TVS         TVS         TVS         50         TVS         50         TVS         TVS         TVS         TVS         TVS            TVS            TVS            TVS            TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	bgical DM CS-II acute  6.5 - 9.0  ( () ( () () ( ()	MWAT           CS-II           chronic           6.0           7.0           150*           126           Chronic           TVS           0.75           250           0.011              0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS         TVS         TVS         TVS         TVS         TVS         TVS            TVS         TVS            TVS               TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S WS 0.01(t) 150 TVS
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	bgical DM CS-II acute   6.5 - 9.0  6.5 - 9.0  ()  ()  ()  0.019 0.005 10 0.05    0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           150*           126           0.75           250           0.011              0.011              0.11*           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel(T)	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            5.0            50         TVS         TVS         TVS         50         TVS         50         TVS         TVS         TVS         TVS         TVS            TVS            TVS            TVS            TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	bgical DM CS-II acute  6.5 - 9.0  ( () ( () () ( ()	MWAT           CS-II           chronic           6.0           7.0           150*           126           Chronic           TVS           0.75           250           0.011              0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury         Nickel(T)         Selenium	Acute         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS	chronic            0.02            TVS         1000         TVS         0.01(t)         150         TVS         100         TVS         0.01(t)         150         TVS         100         TVS          100
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	bgical DM CS-II acute   6.5 - 9.0  6.5 - 9.0  ()  ()  ()  0.019 0.005 10 0.05    0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           150*           126           0.75           250           0.011              0.011              0.11*           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Nolybdenum(T)         Nickel         Nickel(T)         Selenium         Silver	Acute         acute            340            340            50         50            50            50            50            50            50            50            50            50               50            50            50            50            50	chronic          0.02          0.02          TVS       TVS       TVS       1000       TVS       0.001(t)       150       TVS       1000
County Line). COSJD004A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	bgical DM CS-II acute   6.5 - 9.0  6.5 - 9.0  ()  ()  ()  0.019 0.005 10 0.05    0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           150*           126           0.75           250           0.011              0.011              0.11*           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury         Nickel(T)         Selenium	Acute         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS	chronic              0.02              TVS           1000           TVS           0.01(t)           150           TVS           100           TVS           100           TVS           100           TVS           100           TVS           100           TVS           100           TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

tr=trout sc=sculpin

COSJDO04B								
000000040	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 4/30	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	varies* <sup>B</sup>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
	DUWS*			acute	chronic	Beryllium		
Qualifiers:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
Other:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
Temporary M	odification(s):	pН		6.5 - 9.0		Chromium III		TVS
Arsenic(chroni	ic) = hybrid	chlorophyll a (ug/L)			8*	Chromium III(T)	50	
Expiration Dat	e of 12/31/2021	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
*chlorophyll a	(ug/L)(chronic) = applies only above					Copper	TVS	TVS
the facilities lis	sted at 34.5(5), applies only to lakes	l	norganic (mg/l	_)		Iron		WS
	larger than 25 acres surface area. : DUWS applies to McPhee Reservoir			acute	chronic	lron(T)		1000
only.		Ammonia		TVS	TVS	Lead	TVS	TVS
	chronic) = applies only above the at 34.5(5), applies only to lakes and	Boron			0.75	Lead(T)	50	
	er than 25 acres surface area. (4/1 - 12/31) = Summit Reservoir	Chloride			250	Manganese	TVS	TVS/WS
MWAT = 21.0		Chlorine		0.019	0.011	Mercury		0.01(t)
McPhee Rese	rvoir MWAT = 21.1	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		
						Zinc	TVS	TVS
	ies to the Dolores River and West Dolo		etlands, from tl	ne source to	o a point imm	ediately below the conflu	ence with the West Do	lores River
	cific listings in Segments 1 and 5b thro Classifications					1		
		Physic	al and Biologi	cai				
Designation					MWAT		Metals (ug/L)	chronic
Reviewable	Agriculture	Temperature °C	-	DM	MWAT	Aluminum	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	-	DM CS-I	CS-I	Aluminum	acute	
Reviewable	Aq Life Cold 1 Recreation E		-	DM CS-I acute	CS-I chronic	Arsenic	acute  340	
	Aq Life Cold 1	D.O. (mg/L)	_	DM CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)		DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
	Aq Life Cold 1 Recreation E	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) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Qualifiers: Other: Temporary Mo	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )		DM CS-1 acute  6.5 - 9.0	CS-I chronic 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02  TVS 
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/l	DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/l	DM CS-I acute  6.5 - 9.0    	CS-I chronic 6.0 7.0  150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia	norganic (mg/l	DM CS-I acute  6.5 - 9.0    acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron	norganic (mg/l	DM CS-I acute  6.5 - 9.0    acute TVS 	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS S VS WS 1000
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) L Ammonia Boron Chloride	norganic (mg/l	DM CS-I acute  6.5 - 9.0    xute TVS  	CS-I chronic 6.0 7.0  150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Mammonia Boron Chloride Chlorine	norganic (mg/l	DM CS-I acute  6.5 - 9.0        -	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS TVS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/l	DM CS-I acute  6.5 - 9.0    TVS  TVS  0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/l	DM CS-I acute  6.5 - 9.0    CO CO 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute  340  TVS(tr) 5.0  50 TVS TVS TVS   TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/l	DM CS-I acute  6.5 - 9.0     xvs  0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011   	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/l	DM CS-I acute  6.5 - 9.0     C.) acute TVS  0.019 0.005 10 0.05 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS  TVS 50 TVS   TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	norganic (mg/l	DM CS-I acute  6.5 - 9.0       0.019 0.005 10 0.005 10 0.05 	CS-I 6.0 7.0 150 126 Chronic Chronic Chronic 0.75 250 0.011  0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS   TVS 50 TVS   TVS 50 TVS       	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/l	DM CS-I acute  6.5 - 9.0     C.) acute TVS  0.019 0.005 10 0.05 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS    TVS    TVS    TVS   	0.02 TVS TVS TVS TVS TVS TVS TVS TVS.MVS 1000 TVS TVS.MVS 1000 TVS 150 100 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	norganic (mg/l	DM CS-I acute  6.5 - 9.0       0.019 0.005 10 0.005 10 0.05 	CS-I 6.0 7.0 150 126 Chronic Chronic Chronic 0.75 250 0.011  0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS 50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS   TVS  	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(chronic)	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 = Chronic zinc sculpin standard	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	norganic (mg/l	DM CS-I acute  6.5 - 9.0       0.019 0.005 10 0.005 10 0.05 	CS-I 6.0 7.0 150 126 Chronic Chronic Chronic 0.75 250 0.011  0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS    TVS    TVS    TVS   	0.02 TVS TVS TVS TVS TVS TVS TVS TVS.MVS 1000 TVS TVS.MVS 1000 TVS 150 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

D.O. = dissolved oxygen

tr=trout sc=sculpin

t = total

		to the confluence with the Dolores River. N	valuation of Spring	CIEEK IIUIII	the source to the confluence	with Stoner Creek.	Mainstem of
-	eek from the source to the co Classifications	Physical and	Biological		M	letals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
-	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	L	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Temporary Mo Arsenic(chronio		E. Coli (per 100 mL)		126	Chromium III		TVS
•	e of 12/31/2021				Chromium III(T)	50	
	01 12/31/2021	Inorgani	c (mg/l )		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Guillac		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS(sc)
6. Mainstem of	f the Slate Creek and Coke C	Vven Creek, from the Lizard Head Wildern	ess Area boundary	to their conf			
	Classifications	Physical and	-			letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic		
	Water Supply	$D \cap (mall)$		onnonno		340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		0.02
		D.O. (ng/L) D.O. (spawning)			Arsenic(T) Beryllium		
Other:				6.0			
Other:		D.O. (spawning)		6.0 7.0	Beryllium		0.02
Other:		D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0 	Beryllium Cadmium	  TVS	0.02  TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	 6.5 - 9.0	6.0 7.0  150	Beryllium Cadmium Cadmium(T)	  TVS	0.02  TVS 
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0	6.0 7.0  150	Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0	0.02  TVS  TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0  	6.0 7.0  150	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	0.02  TVS  TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0  	6.0 7.0  150 126	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	0.02  TVS  TVS  TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	 6.5 - 9.0  c (mg/L) acute	6.0 7.0  150 126 chronic	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	 6.5 - 9.0   c (mg/L) acute TVS	6.0 7.0  150 126 <b>chronic</b> TVS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS 5.0  50 TVS TVS 	0.02 TVS TVS TVS TVS TVS WS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0   c (mg/L) <u>acute</u> TVS 	6.0 7.0  150 126  126  TVS 0.75	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 6.5 - 9.0   c (mg/L) acute TVS   0.019	6.0 7.0  150 126 <b>chronic</b> TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS 
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 6.5 - 9.0   c (mg/L) acute TVS 	6.0 7.0  150 126 <b>chronic</b> TVS 0.75 250 0.011	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  c (mg/L) c (mg/L) TVS  0.019 0.005	6.0 7.0  150 126 <b>chronic</b> TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS TVS/WS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0   c (mg/L) C (mg/L) acute TVS  0.019 0.005 10 0.05	6.0 7.0 150 126 <b>chronic</b> TVS 0.75 250 0.011  	Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus	 6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10 0.05 10	6.0 7.0 150 126 <b>chronic</b> TVS 0.75 250 0.011   0.11	Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   ic (mg/L) TVS  0.019 0.005 10 0.005 10 0.05 	6.0 7.0 150 126 <b>chronic</b> TVS 0.75 250 0.011  0.11 WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus	 6.5 - 9.0   (c (mg/L) acute TVS  0.019 0.005 10 0.05 10	6.0 7.0 150 126 <b>chronic</b> TVS 0.75 250 0.011   0.11	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
Other:		D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   ic (mg/L) TVS  0.019 0.005 10 0.005 10 0.05 	6.0 7.0 150 126 <b>chronic</b> TVS 0.75 250 0.011  0.11 WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

D.O. = dissolved oxygen

tr=trout sc=sculpin

Reviewable Notice shupp         Tempenature "C         CS-II         Auminum	7 Mainstem	of Coal Creek from the boundary of the	Lizard Head Wilderness Area to the co	nfluence with	the Dolores	River		
Designation         Apriculture         Image: Constraint of the constraint of		-	Ĩ				Metals (uɑ/L)	
Revenue of C         GS-I         Asame C         GS-I         GG-I         GS-I         GG-I					MWAT			chronic
Reservation E Water Supply         D.O. (mpL)          6.0         Arsenic (T)          0.0           Qualiffer:         D.O. (mpL)          7.0         Benyllum          0.0           Other:         H1         6.5 · 9.0          Cadmium (T)         5.0            Other:         H1         6.5 · 9.0          Cadmium (T)         5.0            E (Octorphyl (crop (m))          190         Cadmium (T)         5.0            E (Octor 100 mL)          120         Chromium III          PT           Ammonia         TVS         TVS         100 (         -         VTS         NT          0.0           Oborde          2.05         Lead         TVS         NT          0.01         -         0.01          0.01         NTSN         NTSN         NT          0.01         NTSN         NTSN         NTSN         NTSN         NT          0.01         NTSN         NT          0.01         NTSN         NTSN         NT          NTSN         NT <td>-</td> <td></td> <td>Temperature °C</td> <td></td> <td></td> <td>Aluminum</td> <td></td> <td></td>	-		Temperature °C			Aluminum		
Water SupplyD.C. (ngu)Kasenic(T)0.Cualifier:0.C. (ngu)8rylin0.Other:H6.5.90CadmiumTVS()Nchicorghyl (ng/m²)1500Cadmium(T)5.0E. Coll (per 100 mL)1500Cadmium(T)5.0E. Coll (per 100 mL)1500Cadmium (T)5.0MamoniaTVSTVSTron0.0Boron0.750Iron(T)0.0Chorine0.0190.011Cad(T)5.0Chorine0.0190.011Cad(T)5.0Chorine0.0190.011Cad(T)7.VSNinte0.05MarganeseTVSTVSNinte0.05MarganeseTVSTVSNinte0.05MarganeseTVSTVSSulde0.01SelenianTVSTVSSulde0.01SelenianTVSTVSSulde0.02SelenianTVSTVSResignationNacult0.02SelenianTVSSulde0.02SelenianTVSTVSResignation0.02SelenianTVSTVSResignation0.02SelenianTVSTVSResignation							340	
Qualifiers:         D.0. (spawning)          7.0         Beryllium            Other:         PH         6.5.9.0          Cadmium(T)         5.0            Elocali (jer 100 mL)          1200         Cadmium(T)         5.0            Elocali (jer 100 mL)          1200         Chomium III          The companic (mg/L)         Chomium VI         The companic (mg/L)         The compa		Water Supply	D.O. (mg/L)					0.02
Other:         pH         6.5 - 9.0          Cadmium         TVS(tr)         T           chicrophyll a (mg/m <sup>2</sup> )          150         Cadmium(T)         5.0            chicrophyll a (mg/m <sup>2</sup> )          150         Cadmium(T)         5.0            inorganic (mg/L)          Chornium III (7)         5.0          TVS         T	Qualifiers:				7.0			
kinicophyll a (mg/m²)          150         Cadmium(T)         5.0           E Coll (per 100 mL)          126         Chromium III          T           inorganic (mg/L)          Chromium III          T         T           inorganic (mg/L)          Chromium VI         TVS         TVS         TVS           Ammonia         TVS         TVS         TVS         TVS         TVS         TVS           Ammonia          0.75         fron(T)          100           Choinie         0.019         0.011         Lead(T)         5.0         T           Cyanide         0.005          Marganese         TVS         TVS           Nitrite         0.005          Molydomunt)          100           Sufate          0.015         Nickel         TVS         TVS           Sufate          0.015         Nickel         TVS         TVS           Sufate          0.015         Nickel         TVS         TVS           Sufate          0.015         Nickel         T         S	Other:			6.5 - 9.0		-		TVS
E. Coli (par 100 mL)	••				150			
kuriste         Financian (mg/L)         Chromium III(T)         50           acute         chromi         Copper         TVS         TV           Ammonia         TVS         TVS         Kon								TVS
Inorganic (mg/L)         Ormum VI         TVS         TVS           Ammonia<							50	
Raince         Choral         Copper         TVS         Von         TVS           Annonia         TVS         Von			Inorganic (mg	D				TVS
Ammonia         TVS         TVS         Iron					chronic			TVS
Review         Boron			Ammonia					WS
Prioritic								1000
Even         Chorine         0.019         0.011         Lead(T)         50           Gyanide         0.005          Manganese         TVS         VVSV           Nitrate         10          Mercury          0.01           Nitrite         0.05          Mercury          0.01           Phosphorus          0.11         Nickel         TVS         TVS           Sulfate          WS         Nickel(T)								TVS
k         Cyanide         0.005          Manganese         TVS           Nirale         10          Mercury          0.01           Nirale         0.05          Molybdenum(T)          0.01           Nirale         0.05          Molybdenum(T)          0.01           Phosphorus          0.01         Nickel         TVS         TVS           Sulfate          0.02         Selenium         TVS         TVS           Sulfate          0.02         Selenium         TVS         TVS           Sulfate          0.02         Selenium         TVS         TVS           Sulfate								
Nirate         10          Mercury          0.00           Nirate         0.05          Molybdenum(T)          1           Phosphorus          0.11         Nickel         TVS         TT           Sulfate          WS         Nickel(T)          1           Sulfate          WS         Nickel(T)          1           Sulfate          WS         Nickel(T)          1           Sulfate          WS         Nickel(T)          1           Sulfate          WS         Selenium         TVS         TVS           Sulfate          WS         Selenium         TVS         TVS           Sulfate          WS         Selenium          TVS         TVS           Sulfate          MWAT         Selenium          Selenium          Selenium								TVS/WS
Nitrite         0.05          Molybdenum(T)          1           Phosphorus          0.11         Nickel         TVS         TT           Suffate          0.02         Nickel(T)          0.11           Suffate          0.02         Selenium         TVS         TT           Suffate          0.02         Selenium         TVS         TVS           Suffate          0.02         Selenium         TVS         TVS           Suffate          0.02         Selenium         TVS         TVS           Suffate           Suffate         TVS         TVS           Suffate           Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate          Suffate <td< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>0.01(t)</td></td<>						-		0.01(t)
Phosphorus          0.11         Nickel         TVS         TT           Sulfate          WS         Nickel(T)          1           Sulfate          WS         Sclenium         TVS         TTS           Sulfate          WS         Sclenium         TVS         TTS           Sulfate          0.002         Sclenium         TVS         TTS           Sulfate          Nore         Sclenium         TVS         TTS           Sulfate								150
Sulfate								TVS
Initial Sufficient of Horse Creek from the source to the confluence with the Dolores River.         Selenium         TVS           COSJD000         Classifications         Physical and Biological         Inc         Zinc         TVS           Beignation         Agriculture         Physical and Biological         Muminum          CoSJD00         Classifications         Other         Cost         CS-1         Aluminum          Chronic         Agriculture         Cost         CS-1         Aluminum          Cost         CS-1         Aluminum          Cost         CS-1         Aluminum          Cost         CS-1         Aluminum          Cost         Cost <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100</td>								100
Image: Internation of Horse Creek from the source to the confluence with the Dolores River.         Silver         TVS         TVS           8. Mainstem of Horse Creek from the source to the confluence with the Dolores River.         Image: Image								TVS
$ \begin{array}{ c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			Suilde		0.002			
Image: Second								100(0)
8. Mainstem of Horse Creek from the source to the confluence with the Dolores River.         Metals (ug/L)           COSJD008         Classifications         Physical and Biological         Metals (ug/L)           Designation Reviewable         Agriculture A Life Cold 1 Recreation E Water Supply         Temperature *C         CS-I         CS-I         Aluminum            0. (mg/L)          6.00         Arsenic         340          0.0           Qualifiers: Understrainery Modification(s):         D.0. (mg/L)          6.00         Arsenic(T)          0.0           Temporary Modification(s): Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III          TVS           Expiration Date of 12/31/2021         E. Coli (per 100 mL)          126         Chromium VI         TVS         TV           Ammonia         TVS         TVS         Iron          10         Chorniu VI         TVS         TV           Gono          0.75         Iron          10         Chorniu VI         TVS         TV           Mater         0.019         0.011         Lead         TVS         TV         TVS           Ki								TVS(sc)
COSJDO08         Classifications         Physical and Biological         Metals (ug/L)           Designation         Agriculture         DM         MWAT         acute         chro           Reviewable         Aq Life Cold 1 Recreation E         Temperature °C         CS-I         CS-I         Aluminum            Qualifiers:         D.0. (mg/L)          6.0         Arsenic(T)          0.           Other:         pH         6.5 - 9.0          Cadmium         TVS(tr)         T           Temporary Modification(s):         pH         6.5 - 9.0          Cadmium(T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          150         Cadmium(T)         5.0           Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium III(T)         50          TVS         TV           Ammonia         TVS         TVS         Iron          10          10           Chloride          250         Lead         TVS         TVS         TVS           Arsenic(chronic)         0.019         0.011         Lead(T)         50          10	8. Mainstem c	of Horse Creek from the source to the o	confluence with the Dolores River.			200	110	110(00)
Reviewable         Aq Life Cold 1 Recreation E Water Supply         Temperature °C         CS-I         Aluminum            Qualifiers:         D.O. (mg/L)          6.0         Arsenic (T)          0.0           Qualifiers:         D.O. (spawning)          7.0         Beryllium          0.0           Other:         pH         6.5 - 9.0          Cadmium (TVS(tr)         T           Temporary Modification(s):         chlorophyll a (mg/m²)          150         Cadmium (T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III(T)         50           Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium VI         TVS         T           Mamonia         TVS         TVS         Iron          100           Chlorine         0.019         0.011         Lead         TVS         T           Guide         0.05          Manganese         TVS         TVS/V				ical			Metals (ug/L)	
Recreation E Water Supplynacute D.O. (mg/L)chronic NArsenic340Qualifiers:D.O. (mg/L)6.0Arsenic(T)0.D.O. (spawning)7.0Beryllium0.Other:pH6.5 - 9.0Cadmium(T)5.0Temporary Modification(s):chlorophyll a (mg/m²)150Cadmium(T)5.0Arsenic(chronic) = hybridE. Coli (per 100 mL)126Chronium IIITheExpiration Date of 12/31/2021Inorganic (mg/L)Chronium VITVSTheMamoniaTVSTVSIron100Chloride0.75Iron(T)100Chloride250LeadTVSTVSChlorine0.0190.011Lead(T)50TVS/VNitrate10MaganeseTVSTVS/VNitrate0.05Molybdenum(T)0.01	Designation	Agriculture		DM	MWAT		acute	chronic
Water Supply         D.O. (mg/L)          6.0         Arsenic(T)          0.0           Qualifiers:         D.O. (spawning)          7.0         Beryllium          0.0           Other:         pH         6.5 - 9.0          Cadmium TVS(tr)         Tr           Temporary Modification(s):         pH         6.5 - 9.0          Cadmium(T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          150         Cadmium III          Tr           Expiration Date of 12/31/2021         E. Coli (per 100 mL)          126         Chromium III         TVS         Tr           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III         TVS         Tr           Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium VI         TVS         Tr           Armonia         TVS         TVS         Iron          100           Chloride          0.01         Lead         TVS         Tr           Chloride         0.019         0.011         Lead         TVS         TVS/V           Chloride         0	Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:         D.O. (spawning)          7.0         Beryllium          7.0           Other:         pH         6.5 - 9.0          Cadmium         TVS(tr)         T           Temporary Modification(s):         chlorophyll a (mg/m <sup>2</sup> )          150         Cadmium(T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III          TVS           Expiration Date of 12/31/2021         E. Coli (per 100 mL)          126         Chromium III(T)         50           Mamonia         TVS         TVS         TVS         TVS         TVS         TVS           Ammonia         TVS         TVS         Iron          100           Chlorine         0.019         0.011         Lead(T)         50         TVS/VS/V           Nitrate         10          Maganese         TVS/S/VS/V         TVS/VS/V		Recreation E		acute	chronic	Arsenic	340	
Other:         pH         6.5 - 9.0          Cadmium         TVS(tr)         TV           Temporary Modification(s):         chlorophyll a (mg/m <sup>2</sup> )          150         Cadmium(T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III          Tr           Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium VI         TVS         Tr           Armonia         TVS         TVS         Iron          100           Chloride          0.75         Iron(T)          100           Chloride          250         Lead         TVS         TV           Kirate         10          Manganese         TVS////////////////////////////////////		Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Temporary Modification(s):         Chlorophyll a (mg/m <sup>2</sup> )          150         Cadmium(T)         5.0           Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III          Treedition Chromium III          Treedition Chromium III          Treedition Chromium III          Treedition III	Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Temporary induitionation(s).E. Coli (per 100 mL)126Chromium IIITArsenic (chronic) = hybridE. Coli (per 100 mL)126Chromium III50Expiration Date of 12/31/2021Inorganic (mg/L)Chromium VITVSTVInorganic (mg/L)Chromium VITVSTVAmmoniaTVSTVSIronVBoron0.75Iron(T)100Chloride250LeadTVSTVChlorine0.0190.011Lead(T)50Nitrate10ManganeseTVSTVS/VNitrate0.05Molybdenum(T)100	Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Arsenic(chronic) = hybrid         E. Coli (per 100 mL)          126         Chromium III          T           Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium VI         TVS         T           Inorganic (mg/L)         Chromium VI         TVS         T         T         T           Ammonia         TVS         TVS         Iron          10           Chloride          0.75         Iron(T)          10           Chloride          250         Lead         TVS         T           Cyanide         0.005          Manganese         TVS         TVS/V           Nitrate         10          Molybdenum(T)          0.01	Temporary M	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Expiration Date of 12/31/2021         Inorganic (mg/L)         Chromium III(T)         50           Inorganic (mg/L)         Chromium VI         TVS         T			E. Coli (per 100 mL)		126	Chromium III		TVS
acutechronicCopperTVSTVSAmmoniaTVSTVSIronVBoron0.75Iron(T)10Chloride250LeadTVSTVChlorine0.0190.011Lead(T)50Cyanide0.005ManganeseTVSTVS/VNitrate10Molybdenum(T)1						Chromium III(T)	50	
AmmoniaTVSTVSIronVBoron0.75Iron(T)100Chloride250LeadTVSTVChlorine0.0190.011Lead(T)5050Cyanide0.005ManganeseTVSTVS/VNitrate10Mercury0.01Nitrite0.05Molybdenum(T)1			Inorganic (mg/	L)		Chromium VI	TVS	TVS
Boron          0.75         Iron(T)          10           Chloride          250         Lead         TVS         TVS           Chlorine         0.019         0.011         Lead(T)         50         50           Cyanide         0.005          Manganese         TVS         TVS/V           Nitrate         10          Molybdenum(T)          1				acute	chronic	Copper	TVS	TVS
Chloride250LeadTVSTVSChlorine0.0190.011Lead(T)50Cyanide0.005ManganeseTVSTVS/VNitrate10Mercury0.011Nitrite0.05Molybdenum(T)1			Ammonia	TVS	TVS	Iron		WS
Chlorine         0.019         0.011         Lead(T)         50           Cyanide         0.005          Manganese         TVS         TVS/V           Nitrate         10          Mercury          0.011           Nitrite         0.05          Molybdenum(T)          1			Boron		0.75	lron(T)		1000
Cyanide         0.005          Manganese         TVS         TVS/V           Nitrate         10          Mercury          0.01           Nitrite         0.05          Molybdenum(T)          1			Chloride		250	Lead	TVS	TVS
Cyanide0.005ManganeseTVSTVS/VNitrate10Mercury0.01Nitrite0.05Molybdenum(T)1			Chlorine	0.019	0.011	Lead(T)	50	
Nitrite 0.05 Molybdenum(T) 1			Cyanide	0.005		Manganese	TVS	TVS/WS
			Nitrate	10		Mercury		0.01(t)
			Nitrite	0.05		Molybdenum(T)		150
Phosphorus 0.11 Nickel TVS T					0.11	Nickel	TVS	TVS
						Nickel(T)		100
							T) (O	T\/C
			Sulfide		0.002	Selenium	172	TVS
			Sulfide		0.002			TVS(tr)
Zinc TVS T			Sulfide		0.002	Silver	TVS	

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen

A	onver oreek norn a point innitediate	ly below the Town of Rico	's water supply	diversion to	the confluer	ice with the Dolores Ri	ver.	
COSJDO09	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E 5/1 - 10/31			acute	chronic	Arsenic	340	
	Recreation N 11/1 - 4/30	D.O. (mg/L)			6.0	Arsenic(T)		7.6
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Fish Ingestion	n	pН		6.5 - 9.0		Cadmium		SSE*
Other:		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium	SSE*	
		E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III	TVS	TVS
	ute) = e^(0.9789*ln(hardness)- 672-(ln(hardness)*0.041838))	E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium III(T)		100
	ronic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	I	norganic (mg/l	_)		Chromium VI	TVS	TVS
5.909) (1.1010	072-(III(IIaI0IIess) 0.041030))			acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		
		Boron			0.75	Lead	TVS	TVS
		Chloride				Manganese	TVS	TVS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		100		Nickel	TVS	TVS
		Nitrite		0.05		Selenium	TVS	TVS
		Phosphorus			0.11	Silver	TVS	TVS(tr)
		Sulfate				Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
10a. Mainsten	n of the West Dolores River from the	Lizard Head Wilderness A	rea boundary to	above the	confluence v	vith Fish Creek.		
COSJDO10A	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Other:		pН		6.5 - 9.0		Cadmium	<b>T</b> (0(1))	
		·				Oddinium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L							
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/l		150	Cadmium(T) Chromium III	5.0	 TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/L		150	Cadmium(T) Chromium III Chromium III(T)	5.0  50	 TVS 
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	norganic (mg/L		150 126	Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0  50 TVS	TVS TVS TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m²) E. Coli (per 100 mL) I	norganic (mg/l	 -) acute	150 126 chronic	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0  50 TVS TVS	TVS TVS TVS TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia	norganic (mg/l	 acute TVS	150 126 <b>chronic</b> TVS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0  50 TVS TVS 	TVS  TVS TVS WS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	Ammonia Boron	norganic (mg/l	 acute TVS 	150 126 <b>chronic</b> TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	5.0  50 TVS TVS 	 TVS  TVS TVS WS 1000
*Manganese(c	chronic) = WS, TVS and 50 ug/L	Ammonia Boron Chloride	norganic (mg/l	 acute TVS 	150 126 <b>chronic</b> TVS 0.75 250	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0  50 TVS TVS   TVS	 TVS  TVS TVS WS 1000 TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	norganic (mg/l	 acute TVS  0.019	150 126 <b>chronic</b> TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	5.0  50 TVS TVS  TVS 50	 TVS TVS TVS WS 1000 TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mamonia Boron Chloride Chlorine Cyanide	norganic (mg/l	 acute TVS  0.019 0.005	150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	5.0  50 TVS TVS  TVS 50 TVS	 TVS TVS TVS WS 1000 TVS  varies*
*Manganese(c	chronic) = WS, TVS and 50 ug/L	Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/l	 acute TVS  0.019 0.005 10	150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS TVS TVS WS 1000 TVS  varies* 0.01(t)
*Manganese(c	chronic) = WS, TVS and 50 ug/L	Ammonia Boron Chlorine Cyanide Nitrate Nitrite	norganic (mg/l	 acute TVS  0.019 0.005 10 0.05	150 126 <b>chronic</b> TVS 0.75 250 0.011  	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	 TVS TVS TVS WS 1000 TVS  varies* 0.01(t) 150
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/l	 acute TVS  0.019 0.005 10 0.05 	150 126 <b>chronic</b> TVS 0.75 250 0.011   0.11	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	5.0  50 TVS TVS  TVS 50 TVS  TVS	 TVS TVS TVS WS 1000 TVS  varies* 0.01(t) 150 TVS
*Manganese(c	chronic) = WS, TVS and 50 ug/L	Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/l	 acute TVS  0.019 0.005 10 0.05 	150 126 <b>chronic</b> TVS 0.75 250 0.011   0.11 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  varies* 0.01(t) 150 TVS 100
*Manganese(c	chronic) = WS, TVS and 50 ug/L	chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/l	 acute TVS  0.019 0.005 10 0.05 	150 126 <b>chronic</b> TVS 0.75 250 0.011   0.11 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  varies* 0.01(t) 150 TVS 100 TVS

D.O. = dissolved oxygen

10b. Mainstem	of the West Dolores River from abo	ve the confluence with Fish Creek to t	he confluence v	vith the Dolo	res River.		
	Classifications	Physical and Biol				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
*Manganese(c	hronic) = WS, TVS and 50 ug/L	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic (n	ng/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	varies*
		Nitrate	10		Mercury		0.01(t)
		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(tr)
					Uranium		
						71 (2	T) (O
1					Zinc	TVS	TVS
11a. Lost Can	iyon, including all tributaries, from the	source to the Forest Service Bounda	ary.		Zinc	172	105
	yon, including all tributaries, from the Classifications	e source to the Forest Service Bounda Physical and Biol			Zinc	Metals (ug/L)	105
COSJDO11A Designation	Classifications Agriculture			MWAT	Zinc		chronic
COSJDO11A Designation	Classifications Agriculture Aq Life Cold 2		logical DM CS-I	CS-I	Aluminum	Metals (ug/L)	
COSJDO11A Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Biol	logical DM	CS-I chronic		Metals (ug/L) acute	
COSJDO11A Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Physical and Biol Temperature °C D.O. (mg/L)	logical DM CS-I	CS-I chronic 6.0	Aluminum	Metals (ug/L) acute 	chronic 
COSJDO11A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning)	logical DM CS-I acute 	CS-I chronic	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic   0.02 
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH	logical DM CS-I acute 	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic   0.02
COSJDO11A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	logical DM CS-I acute 	CS-I chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340 	chronic  0.02  TVS 
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH	logical DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   T√S(tr)	chronic  0.02  TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	logical DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  T√S(tr) 5.0  50	chronic  0.02  TVS  TVS 
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	logical DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  T√S(tr) 5.0  50 T√S	chronic  0.02  TVS  TVS  TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (n	logical DM CS-I acute  6.5 - 9.0  mg/L) acute	CS-I chronic 6.0 7.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia	logical DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 126 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(r) 5.0 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	logical DM CS-I acute  6.5 - 9.0  mg/L) acute	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS TVS TVS TVS S TVS S S S S 1000
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  mg/L) acute TVS 	CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS	chronic  0.02  TVS  TVS  TVS TVS TVS WS 1000 TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	logical DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  TVS  0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  T√S(tr) 5.0 5.0 5.0 T√S 50 TVS T√S T√S T√S 50	chronic  0.02  TVS  TVS  TVS TVS TVS WS 1000 TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chlorine         Cyanide	logical DM CS-I acute  6.5 - 9.0  ng/L) acute TVS  0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS           TVS           S0           TVS	chronic  0.02  TVS  TVS TVS TVS S S S S S S S S S S S S S S
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	logical DM CS-I acute  6.5 - 9.0  () mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS(r) 5.0 5.0 5.0 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS S UVS 1000 TVS 1000 TVS  TVS/WS 0.01(t)
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  0.01 Acute TVS  0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 VS 0.75 250 0.011   	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute acute  340  TVS(r) 5.0 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS   TVS       	chronic              0.02              TVS              TVS              TVS              TVS              TVS              TVS           TVS           TVS           0.00           TVS              TVS           0.01(t)           150
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	logical DM CS-I acute  6.5 - 9.0  () mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 VS 0.75 250 0.011   0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  100  0.019 0.005 10 0.05   	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  100 CS-1  0.019 0.005 10 0.05 10 0.05 	CS-I chronic 6.0 7.0 150 126 VS 0.75 250 0.011   0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS           S0           TVS           TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100 TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  100  0.019 0.005 10 0.05   	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)           acute              340              TVS(r)           5.0              TVS(r)           5.0           TVS           5.0           TVS           5.0           TVS           5.0           TVS           TVS           TVS           S0	chronic              0.02              TVS              TVS              TVS              TVS              TVS              TVS           0.01(t)           150           TVS           100           TVS           100           TVS           100           TVS           100           TVS           100           TVS
COSJDO11A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  100  0.019 0.005 10 0.05   	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS           S0           TVS           TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

D.O. = dissolved oxygen

COSJDO11B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Vater + Fish	Standards	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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		
					Zinc	TVS	TVS(sc)

11c. All tributaries to McPhee Reservoir, except for the specific listings in Segments 4a and 11b. All tributaries to the Dolores River 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, from the source to the confluence with the Dolores River.

Dolores River.							
COSJDO11C	Classifications	Physical and	Biological		Ν	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	( )	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		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		
					Zinc	TVS	TVS

	and reservoirs tributary to the Dolores F	River and West Dolores River, whic	in are within the	Lizard Head	Wilderness area. This se	gment includes Navajo	Lake.
COSJDO12	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Phosphorus(	chronic) = applies only to lakes and				Chromium III(T)	50	
reservoirs larg	ger than 25 acres surface area.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
1		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
1		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
13. Groundho	og Reservoir.						
COSJDO13	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		0.0		010	
Out all file				6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		6.0 7.0	Arsenic(T) Beryllium		
Qualifiers: Other:		D.O. (spawning) pH	 6.5 - 9.0				
Other:	/			7.0	Beryllium		0.02
Other: *chlorophyll a	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	рН		7.0	Beryllium Cadmium	  TVS(tr)	0.02
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L)	6.5 - 9.0	7.0  8*	Beryllium Cadmium Cadmium(T)	  TVS(tr) 5.0	0.02  TVS 
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area.	pH chlorophyll a (ug/L)	6.5 - 9.0 	7.0  8*	Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0 	0.02  TVS  TVS
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	7.0  8*	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	0.02  TVS  TVS
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0  (mg/L)	7.0  8* 126	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	0.02  TVS  TVS TVS
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (	6.5 - 9.0  (mg/L) acute	7.0  8* 126 chronic	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
Other: *chlorophyll a and reservoirs *Phosphorus(6	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia	6.5 - 9.0  (mg/L) acute TVS	7.0  8* 126 Chronic TVS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic i Ammonia Boron	6.5 - 9.0  (mg/L) acute TVS 	7.0  8* 126 chronic TVS 0.75	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	6.5 - 9.0  (mg/L) acute TVS 	7.0  8* 126 <b>chronic</b> TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	6.5 - 9.0  (mg/L) acute TVS  0.019	7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	7.0  8* 126 Chronic TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS S TVS/WS 0.01(t)
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05	7.0  8* 126 Chronic TVS 0.75 250 0.011  	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0 50 TVS TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 0.05 10	7.0  8* 126 <b>Chronic</b> TVS 0.75 250 0.011  0.025*	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) (mg/L) CVS TVS  0.019 0.005 10 0.05 10 0.05 	7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011  0.025* WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS TVS TVS 3 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4
Other: *chlorophyll a and reservoirs *Phosphorus(o	s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) (mg/L) CVS TVS  0.019 0.005 10 0.05 10 0.05 	7.0  8* 126 <b>chronic</b> TVS 0.75 250 0.011  0.025* WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen

specific listing	nd reservoirs tributary to the Dolores R s in Segments 12 and 13.	, T		ooint immedia	,		s River except f
COSJDO14	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
reservoirs larg	er man 25 acres surface area.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

15. All lakes and reservoirs which are tributary to the Dolores River from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segment 4b. This segment includes Campbell Reservoir, Summers Reservoir, Red Lake, and Long Draw Reservoir.

COSJDO15	Classifications	Physical and Biolog	ical		Ν	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
*==========		E. Coli (per 100 mL)		126	Chromium III		TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.				Chromium III(T)	50	
	chronic) = applies only to lakes and er than 25 acres surface area.	Inorganic (mg	/L)		Chromium VI	TVS	TVS
reservoirs larg			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(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		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

#### STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS – FOOTNOTES

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

#### **Editor's Notes**

#### History

Rules 34.5, 34.32 eff. 07/01/2007.

Rules 34.6 (Tables 1-18), 34.33, 34.34 eff. 06/30/2010.

Rules 34.6 (Tables 1-18), 34.35 eff. 06/30/2011.

Rules 34.6 (Table pp. 2, 7, 8, 12), 34.36 eff. 01/01/2012.

Rules 34.5(1), 34.5(3)-34.5(4), 34.6(2)-34.6(3), 34.38 eff. 03/30/2013.

Rules 34.6(3), 34.39 emer. rules eff. 05/13/2013.

- Rules 34.6(2)(d), 34.6(3), (Tables pgs. 1, 5, 7, 9-12, 15, 21), 34.40-34.41 eff. 09/30/2013.
- Rules 34.6 Animas and Florida River segment 13b, La Plata River, McElmo Creek, and San Juan River segments 7a, 8c, 34.42 eff. 06/30/2014.

Rules 34.6 Animas and Florida River segment 13b, 34.43 eff. 03/01/2015.

Rules 34.6 La Plata River, Mancos River, McElmo Creek, and San Juan River segments 7a, 8c, 34.44 eff. 06/30/2015.

Rules 34.6, Appendix 34-1, 34.45 eff. 03/01/2016.

Rule 34.46, Appendix 34-1 eff. 06/30/2016.

Rule 34.47, Appendix 34-1 eff. 06/30/2017.

Rules 34.2-34.6, 34.48, Appendix 34-1 eff. 12/31/2017.

Rule 34.49, Appendix 34-1 eff. 06/30/2019.