

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

SUBJECT:

For consideration of the adoption of revised water quality classifications, standards and designations for multiple segments in the Classifications and Numeric Standards for South Platte River Basin, Laramie River Basin, Republican River Basin, Smoky Hill River Basin, Regulation #38 (5 CCR 1002-38).

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

- Exhibit 1 Regulation #38, Water Quality Control Division (Division);
- Exhibit 2 Regulation #38, City of Black Hawk and Black Hawk-Central City Sanitation District (Black Hawk);
- Exhibit 3 Regulation #38, Centennial Water & Sanitation District (Centennial);
- Exhibit 4 Regulation #38, MillerCoors;
- Exhibit 5 Regulation #38, London Mine;
- Exhibit 6 Regulation #38, Metro Wastewater Reclamation District (Metro);
- Exhibit 7 Regulation #38, Plum Creek Water Reclamation Authority (Plum Creek); and
- Exhibit 8 Regulation #38, Raytheon.

In these attachments, proposed new language is shown with <u>double-underlining</u> and proposed deletions are shown with <u>strikeouts</u>. Any alternative proposals related to the subject of this hearing will also be considered. The commission will also consider in the scope of this hearing any updates regarding progress and data related to discharger specific variances (DSVs), site-specific standards and associated longevity plans, and temporary modifications and the associated plans to resolve uncertainty. The commission may consider modifications to or deletion of the DSVs, site-specific standards, or temporary modifications on these segments depending on the information provided. If any party believes that a modification or deletion may be appropriate, the party should address the basis for those concerns in its responsive prehearing statement. These updates may include, but are not limited to, information from Suncor regarding the selenium DSV on Upper South Platte segments 15 and 16i (COSPUS15 and COSPUS16i), Climax Molybdenum regarding multiple temporary modifications on Clear Creek segments 7a and 7b (COSPCL07a and COSPCL07b), and Cottonwood Water and Sanitation District regarding selenium site-specific standards on Cherry Creek segment 4b (COSPCC04b).

SCHEDULE OF IMPORTANT DATES

Proponent's prehearing statement due	3/11/2020 5 pm	Additional information below.
Party status requests due	3/18/2020 5 pm	Additional information below.
Responsive prehearing statements due	4/15/2020 5 pm	Additional information below.
Rebuttal statements due	5/13/2020 5 pm	Additional information below.
Last date for submittal of motions	5/18/2020 noon	Additional information below.
Notify commission office if participating in prehearing conference by phone or email	5/18/2020 noon	Send email to <u>cdphe.wqcc@state.co.us</u> with participant(s) name(s)
Prehearing Conference (mandatory for parties)	5/19/2020 9:00 am	Building C, 1 st Floor, Room C1E Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246 Call in: +1 209-733-0776 PIN: 409 213#
Cutoff of negotiations	5/28/2020	N/A
Division's consolidated proposals	6/3/2020	N/A
Rulemaking Hearing	6/8/2020 10:00 am	Sabin-Cleere Conference Room Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246

TRIENNIAL REVIEW PROCESS OVERVIEW

This Rulemaking Hearing is the third and final step in a three-step process utilized in Colorado for triennial review of water quality classifications and standards. The first step is the Issues Scoping Hearing (ISH), which provides an opportunity for early identification of potential issues that may need to be addressed in the next major rulemaking. The ISH for these regulations was held in October 2018. The second step in the triennial review process is the Issues Formulation Hearing (IFH), which results in the identification of specific issues to be addressed in the next major rulemaking. The IFH for these regulations was held in November 2019. The third step is the rulemaking hearing where any revisions to the water quality classifications and standards are formally adopted by the WQCC. Information regarding triennial reviews of water quality classifications and standards in Colorado is provided on the WQCC website.

HEARING SUBMITTALS:



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

PARTY STATUS:

Party status requests must be in writing and must provide:

- the organization's name;
- one contact person;
- a mailing address;
- a phone number; and
- email addresses of all individuals associated with the party who wish to be notified when new submittals are available on the commission's website for review.

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

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

PREHEARING AND REBUTTAL STATEMENTS:

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

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

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

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

PREHEARING CONFERENCE:

Attendance at the prehearing conference is mandatory for all persons requesting party status. Parties are strongly encouraged to attend in-person, but those needing to participate by telephone should notify the commission office prior to the prehearing conference. Remote participants can call +1 209-733-0776 and enter the conference code 409 213#. Failure to attend the prehearing conference in person or by telephone shall be cause to deny party status or deny opportunity for oral comments.

CUTOFF DATE FOR MOTIONS:

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

PUBLIC PARTICIPATION ENCOURAGED:

The commission encourages input from non-parties, either orally at the hearing or in writing prior to the hearing. Written submissions should be emailed to <u>cdphe.wqcc@state.co.us</u> by May 27, 2020.

SPECIFIC STATUTORY AUTHORITY:

The provisions of sections 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 consideration of the regulatory amendments proposed by this notice. Should the commission adopt the regulatory language as proposed in this notice or alternative amendments, it will also adopt, in compliance with section 24-4-103(4) C.R.S., an appropriate Statement of Basis, Specific Statutory Authority, and Purpose.

Dated this 12th day of February, 2020 at Denver, Colorado.

WATER QUALITY CONTROL COMMISSION

Trisha Oeth, Administrator



Exhibit 1

Water Quality Control Division Regulation #38

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

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

5 CCR 1002-38

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

38.1 AUTHORITY

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

38.2 PURPOSE

These regulations establish classification and numeric standards for the South Platte River, the Laramie River, the Republican River and the Smoky Hill River, including all tributaries and standing bodies of water as indicated in section 38.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31.0 - Basic Standards and Methodologies for Surface Water BASIC STANDARDS AND METHODOLOGIES FOR SURFACE WATER.

38.3 INTRODUCTION

These regulations and Tables present the classifications and numeric standards assigned to stream segments listed in the attached Tables (See <u>section 38.6Appendix 38-1</u>). As additional stream segments are classified and numeric standards for this drainage system are adopted, they will be added to or replace the numeric standards in the Tables in <u>section 38.6Appendix 38-1</u>. Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

38.4 DEFINITIONS

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

38.5 BASIC STANDARDS

(1) <u>TEMPERATURE</u>Temperature

All waters of the South Platte, Laramie, Republican and Smoky Hill River Basins are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard.) Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed

deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) <u>QUALIFIERSQualifiers</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 <u>Aa</u>quatic Life <u>Celass 1</u> streams which also have a <u>W</u>water <u>Seupply classification</u>, and are applied to <u>Aa</u>quatic Life <u>Celass 2</u> streams which also have a <u>W</u>water <u>Seupply classification</u>, on a case-by-case basis as shown in the <u>Tables 38.6Appendix 38-1</u>. The column in the tables at 31.11 headed "Fish Ingestion" is presumptively applied to all <u>Aa</u>quatic Life <u>Celass 1</u> streams which do not have a <u>W</u>water <u>Seupply classification</u>, and are applied to an a case-by-case basis as shown in the <u>Tables 38.6Appendix 38-1</u>. The column in the tables at 31.11 headed "Fish Ingestion" is presumptively applied to all <u>Aa</u>quatic Life <u>Celass 1</u> streams which do not have a <u>W</u>water <u>Seupply classification</u>, and are applied to <u>Aa</u>quatic Life <u>Celass 2</u> streams which do not have a <u>W</u>water <u>Seupply classification</u>, and are applied to <u>Aa</u>quatic Life <u>Celass 2</u> streams which do not have a <u>W</u>water <u>Seupply classification</u>, and are applied to <u>Aa</u>quatic Life <u>Celass 2</u> streams which do not have a <u>W</u>water <u>Seupply classification</u>, on a case-by-case basis, as shown in the <u>Tables in 38.6Appendix 38-1</u>.

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

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

(4) <u>NUTRIENTSNutrients</u>

Prior to <u>May-December</u> 31, 2022 for chlorophyll a and prior to December 31, 2027 for total phosphorus, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e), (f), and (g). 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 December 31, 20172022, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(eg) and (h).

Prior to May-December 31, 20222027, nutrient criteria will be adopted for headwaters on a segment by segment basis for the South Platte River Basin. Moreover, pursuant to 31.17(e), nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the South Platte River Basin:

Segment	Permittee	Facility name	Permit No.
COSPUS01a	Alma Town of	Alma, Town of	CO0035769
COSPUS01a	Fairplay Sanitation District	Fairplay Sanitation District WWTF	CO0040088
COSPUS01a	Boy Scouts of America Pikes Peak Council	Camp Alexander	COG588036
COSPUS02a	Florissant Water and San Dist	Florissant Water and San Dist	CO0041416
COSPUS02a	Teller County	Teller County WW Utility Board	CO0044211
COSPUS03	Woodland Park City of	Woodland Park, City of	CO0043214
COSPUS03	YMCA Camp Shady Brook	Camp Shady Brook	CO0045993
COSPUS03	Lost Valley Ranch Corporation	Lost Valley Ranch	COG588122
COSPUS04	Will-O-Wisp Metro District	Will-O-Wisp Metro District	CO0041521
COSPUS04	Bailey WSD	Bailey WSD WWTF	COG588056
COSPUS04	Platte Canyon School Dist 1	Platte Canyon School Dist 1	COG588114
COSPUS05c	Mountain Water and Sanitation District	Mountain Water&Sanitation District	CO0022730
COSPUS06a	Roxborough Water and Sanitation District	Roxborough Park Water&San WWTF	CO0041645
COSPUS10a	Plum Creek Water Reclamation Authority	Plum Creek WW Authority WWTF	CO0038547
COSPUS10a	Perry Park Water and Sanitation District	Sageport WWTF	CO0043044
COSPUS11b	Perry Park Water and Sanitation District	Waucondah WWTP	CO0022551
COSPUS14	Littleton/Englewood Cities of	Littleton/Englewood, Cities of	CO0032999
COSPUS15	Metro Waste Water Reclamation District	Metro Wastewater Reclamation District	CO0026638
COSPUS15	Brighton City of	Brighton WWTF	CO0021547
COSPUS15	South Adams County WSD	Williams Monoco WWTF	CO0026662
COSPUS15	Metro Waste Water Reclamation District	Northern Treatment Plant	CO0048959
COSPUS16c	Ascentia Real Estate Holding Company LLC	Foxridge Farms MH Community	CO0028908
COSPUS16c	SouthWest Water Company	Hi-Land Acres W&SD WWTF	COG589072
COSPUS16c	Mile High Racing and Enter dba Arapahoe Park	Arapahoe Park Racetrack	COG589073
COSPUS16c	Rangeview Metro District	Coal Creek WW Reclamation Fac	COG589108
COSPUS16g	Centennial Water and San Dist	Marcy Gulch WWTF	CO0037966
COSPUS16i	Aurora City of - Aurora Water	Sand Creek Water Reuse Facility	CO0026611
COSPCH01	Stonegate Village Metropolitan District	Stonegate Village WWTF	CO0040291
COSPCH01	Pinery Water and Wastewater District	Pinery WWTF	CO0041092
COSPCH01	Parker Water and Sanitation District	Parker North WRF	CO0046507
COSPCH04	Arapahoe County W and WW Authority	Lone Tree Creek WWTP	CO0040681
COSPBE01a	Amen Real Estate LLC	Singin' River Ranch WWTF	CO0035971
COSPBE01b	Morrison Town of	Morrison Town of	CO0041432
COSPBE01e	Kittredge Sanitation and Water District	Kittredge San & Water District	CO0023841
COSPBE01e	Bruce & Jayne Hungate DBA Bear Creek Cabins	Bear Creek Cabins	CO0030856

Segment	Permittee	Facility name	Permit No.
COSPBE01e	Evergreen Metropolitan District	Evergreen Metropolitan Dist WWTF	CO0031429
COSPBE04a	Genesee WSD	Genesee Water & San District	CO0022951
COSPBE04a	Forest Hills Metro District	Forest Hills Metropolitan Dist	CO0037044
COSPBE05	West Jefferson County MD	W. Jefferson County Metro Dist	CO0020915
COSPBE05	Historic Brook Forest Inn LLC	Brook Forest Inn	CO0030261
COSPBE06a	Tiny Town Foundation Inc	Tiny Town	CO0036129
COSPBE06a	Aspen Park Metropolitan District	Aspen Park Metropolitan District	CO000001
COSPBE06b	Jefferson County Public Schools R-1	Conifer High School WW Rec Plt	CO0047988
COSPCL01	Colorado Dept of Transportation	Eisenhower/Johnson Memorial Tunnels	CO0026069
COSPCL01	Clear Creek Skiing Corp	Loveland Ski Area WWTF	CO0040835
COSPCL02a	Georgetown Town of	Georgetown WWTF	CO0027961
COSPCL02c	Central Clear Creek SD	Central Clear Creek SD WWTF	COG588055
COSPCL05	Empire Town of	Empire Town of	COG588065
COSPCL09a	St Marys Glacier WSD	St Mary's Glacier WSD	CO0023094
COSPCL10	Shwayder Camp Wastewater	Shwayder Camp WWTF	CO0047473
COSPCL11	Idaho Springs City of	Idaho Springs WWTF	CO0041068
COSPCL12 <mark>b</mark>	Clear Creek WWTP	Clear Creek WWTP	CO0046574
COSPCL13b	Black Hawk/Central City Sanitation District	Black Hawk/Central City SD WWTF	CO0046761
COSPCL14a	MillerCoors LLC	MillerCoors Golden Facility	CO0001163
COSPBD01	Westminster City of	Big Dry Creek WWTF	CO0024171
COSPBD01	Broomfield City and County	Broomfield WWTF	CO0026409
COSPBD01	Northglenn City of	Northglenn WWTF	CO0036757
COSPBO02b	San Lazaro Park Properties LLP c/o	San Lazaro MHP WWTF	CO0020184
COSPBO02b	BaseCamp Ventures LLC	Boulder Mountain Lodge WWTF	CO0040819
COSPBO02b	Mueller Red Lion Inn	Red Lion Inn WWTF	COG588118
COSPBO03	Nederland Town of	Nederland Town of WWTF	CO0020222
COSPBO04b	Eldorado Springs Wastewater	Eldorado Springs WWTF	CO0047651
COSPBO04b	San Souci MHP	San Souci MHP	COG588101
COSPBO07b	Louisville City of	Louisville WWTF	CO0023078
COSPBO07b	Lafayette City of	Lafayette WWTF	CO0023124
COSPBO07b	Erie Town of	Erie WWTF	CO0045926
COSPBO08	Superior Metropolitan District No 1	Superior Metropolitan Dist No1	CO0043010
COSPBO09	Boulder City of	75TH ST WWTP	CO0024147
COSPBO10	Erie Town of	Erie North Water Reclamation Facility	CO0048445
COSPBO10	B & B Mobile Home and RV Park	B & B Mobile Home & RV Park	COG588107
COSPBO14	Lake Eldora WSD	Lake Eldora WSD WWTF	CO0020010
COSPSV02a	Peaceful Valley Ranch LLC	Peaceful Valley Ranch WWTF	CO0048828
COSPSV02a	Seventh-Day Adventist Assoc of Colorado	Glacier View Ranch	CO0030112
COSPSV02a	Aspen Lodge at Estes Park Corp	Aspen Lodge at Estes Park Corp	CO0042820
COSPSV02b	Lyons Town of	Lyons Town of	CO0020877
COSPSV03	Longmont City of	Longmont WWTF	CO0026671
COSPSV03	St Vrain Sanitation District	St Vrain Sanitation District	CO0041700
COSPSV06	Niwot Sanitation District	Niwot Sanitation District	CO0021695
COSPSV06	Mead Town of	Lake Thomas Subdivision WWTF	CO0046868

Segment	Permittee	Facility name	Permit No.
COSPSV06	Mead Town of	Mead, Town of	CO0046876
COSPSV06	Fairways Metro Dist	Fairways WWTF	CO0048411
COSPMS01a	Fort Lupton City of	Fort Lupton WWTF	CO0021440
COSPMS01b	Evans City of	Evans City of WWTF	CO0020508
COSPMS01b	Kersey Town of	Kersey WWTF	CO0021954
COSPMS01b	Platteville Town of	Platteville WWTF	CO0040355
COSPMS01b	Evans City of	Hill-N-Park Sanitation Dist.	CO0047287
COSPMS01b	La Salle Town of	La Salle Town of	COG588058
COSPMS01b	Gilcrest Town of	Gilcrest WWTF	COG588121
COSPMS03a	Elizabeth Town of	Gold Creek	COG589037
COSPMS03a	Galeton Water and Sanitation District	Galeton Water & San District	CO0043320
COSPMS03a	Orica USA Inc	Orica USA, Inc.	CO0046221
COSPMS03a	Spring Valley Ranch	Spring Valley Ranch WWTF	CO0046965
	Front Range Airport WWTF	Front Range Airport WWTF	CO0047741
	Lochbuie Town of	Lochbuie Town of	CO0047198
COSPMS05a	Swift Beef Company	Swift Beef – Lone Tree	CO0027707
	Hudson WWTF	Hudson Mechanical WWTF	COG589104
COSPMS06	Keenesburg Town of	Keenesburg Town of	CO0041254
COSPMS06	Bennett Town of	Bennett Town of	COG589069
COSPBT02	Estes Park Sanitation District	Estes Park Sanitation District	CO0020290
COSPBT02	Upper Thompson Sanitation District	UTSD WWTF	CO0031844
COSPBT04	Loveland City of	Loveland WWTP	CO0026701
COSPBT05	Milliken Town of	Milliken Sanitation District	CO0042528
COSPBT05	Johnstown Town of	Low Point WWTP	CO0047058
COSPBT07	Hidden View Estates HOA	Hidden View Estates HOA WWTF	CO0048861
COSPBT09	Johnstown Town of	Johnstown Central WWTF	CO0021156
COSPBT09	Riverglen Homeowners Assoc	Riverglen HOA WWTF	CO0029742
COSPBT09	Berthoud Town of	Berthoud Town of	CO0046663
COSPBT10	Berthoud Town of	Serenity Ridge WWTF	CO0047007
COSPBT10	Western Mini-Ranch/Vaquero Estates Sewer Assoc.	Western Mini-Ranch/Vaquero Est	COG589095
COSPBT10	Berthoud Estates Community Assoc	Berthoud Estates WWTF	COG589097
COSPCP08	Fox Acres Community Services Corp	Fox Acres WWTF	COG589112
COSPCP08	Girl Scouts of Colorado	Magic Sky Ranch G.S. Camp	CO0047317
COSPCP11	Fort Collins City of	Mulberry WWTP	CO0026425
COSPCP11	Fort Collins City of	Drake WWTP	CO0047627
COSPCP12	Windsor, Town of	Windsor Town of WWTF	CO0020320
COSPCP12	Greeley City of	Greeley City of	CO0040258
COSPCP12	Leprino Foods Company	Leprino Greeley Facility WWTF	CO0048860
	Anheuser Busch Inc	Nutri-Turf, Inc.	CO0039977
	Eaton Town of	Eaton, Town of	CO0047414
COSPCP13a	Saddler Ridge Metro Dist Water Reclamation Facility	Saddler Ridge Metro Dist Water Reclamation Facility	COG589107
COSPCP13 b	Boxelder Sanitation District	Boxelder Sanitation District WWTF	CO0020478
COSPCP13 b	Wellington Town of	Wellington WWTF	CO0046451
COSPCP22	South Fort Collins Sanitation District	South Fort Collins San Dist	CO0020737

Segment	Permittee	Facility name	Permit No.
COSPLS01 <u>a</u>	Western Sugar Cooperative	Fort Morgan Facility	CO0041351
COSPLS01 <u>a</u>	Cargill Meat Solutions	Fort Morgan Beef Plant	CO0044270
COSPLS01 <u>a</u>	Brush City of	Brush City of	CO0021245
COSPLS01 <u>a</u>	Fort Morgan City of	Fort Morgan City of	CO0044849
COSPLS01 <u>a</u>	Snyder Sanitation District	Snyder Sanitation District	COG588016
COSPLS01 <u>a</u>	Morgan Heights WSD	Morgan Heights Water & Sewer Inc.	COG588040
COSPLS01 <u>b</u>	Julesburg Town of	Julesburg Town of	CO0021113
COSPLS01 <u>b</u>	Sterling City of	Sterling City of	CO0026247
COSPLS01 <u>b</u>	Ovid Town of	Ovid Town of	COG588106
COSPLS02 <mark>a</mark>	Leprino Foods Company	Fort Morgan Cheese Facility	CO0043958
COSPLS02 <mark>a</mark>	Deer Trail Town of	Deer Trail WWTF	COG589002
COSPLS02 <mark>a</mark>	Hillrose Town of	Hillrose WWTF	COG589030
COSPLS02 <mark>a</mark>	Byers Water and Sanitation District	Byers Water and Sanitation District	COG589033
COSPLS02 a	Eastern Adams County Metro District	Eastern Adams CO Metro Dist WWTF	COG589035
COSPLS02	Kiowa Town of	Kiowa WWTF	CO0033405
COSPLS02 b	Elbert Water Sanitation District	Elbert Water Sanitation District WWTF	COG589065
COSPRE03	Wray City of	Wray City of	CO0023833
COSPRE06	Flagler Town of	Flagler WWTF	COG589036
COSPRE06	Arriba Town of	Arriba WWTF	COG589055
COSPRE06	Holyoke City of	Holyoke, City of	COG589059
COSPRE06	Akron Town of	Akron WWTF	COG589061
COSPRE06	Haxtun Town of	Haxtun. Town of	COG589062
COSPRE06	Stratton Town of	Stratton WWTF	COG589100
COSPRE06	Burlington City of	Burlington City of WWTF	COG589114
COSPRE06	Seibert Town of	Seibert WWTF	COG589120
COSPRE07	Cheyenne Wells Sanitation District No 1	Cheyenne Wells Sanitation District	COG589039
Unclassified	Silco Oil Co	Tomahawk Truck Stop	COG589003

Prior to May December 31, 20222027:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, nutrient standards only apply above these facilities. A footnote was added to the total phosphorus and chlorophyll *a* standards in these segments. The footnote references the table of qualified facilities at 38.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll *a* standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

38.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 38-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the Tables attached to 31.<u>016</u>. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

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

(a) The following abbreviations are used in this regulation and in the tables in Appendix 38-1:

ac	=	acute (1-day)
°C	=	degrees celsius
ch	=	chronic (30-day)
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
DM	=	daily maximum <u>temperature</u>
D.O.	=	Delissolved oxygen
DUWS	=	direct use water supply
E. coli	_	Escherichia coli
mg/ <u>L</u> ł	=	milligrams per liter
MWAT	=	maximum weekly average temperature
OW	_	outstanding waters
sp	_	Sepawning
SSE	_	site-specific equation
T	_	total recoverable
t	_	total
tr	_	trout
Trec		total recoverable
TVS	Ξ	table value standard
µg/ <u>L</u> I	_	micrograms per liter
µg/ <u>⊾</u> • UP		•
WAT	=	use-protected
	=	weekly average temperature
WL	=	warm lake temperature tier
WS	=	water supply
WS-I	=	warm stream temperature tier one
WS-II	=	warm stream temperature tier two
WS-III	=	warm stream temperature tier three

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

Fe(ch)Iron	=	WS
Mn(ch)Manganese	=	WS
SO ₄ Sulfate	=	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 <u>chronic</u> standards, as specified in the Basic Standards and Methodologies at 31.11(6);

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

(ii)

Iron	=	300 µg/ <mark>L</mark> I (dissolved)
Manganese	=	50 µg/Ll (dissolved)
SO ₄ <u>Sulfate</u>	=	250 mg/ <mark>L</mark> ł

For all surface waters with a <u>"W</u>water <u>S</u>supply" classification that are not in actual use as a water supply, no <u>W</u>water <u>S</u>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 12/31/2024. Where a permit for an existing discharge is reissued or modified while the temporary modification is in effect, the division will include additional permit Terms and Conditions, which may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 µg/L↓ (Trec), expiring on 12/31/2024.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology_-based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range.

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

In certain instances in the tables in Appendix 38-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

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

PARAMETER⁽¹⁾ TABLE VALUE STANDARDS ⁽²⁾⁽³⁾

(T <u>rec</u>) F Ammonia- ⁽⁴⁾ V	pH less than 7 Chronic= Cold Water = (m $acute = \frac{1}{1+1}$	greater =e ^{(1.3695[I} .0 = e ^{(1.3695]} ng/ <u>L</u> I as N	than 7.0 n(hardness)]-0.1158) [In(hardness)]-0.1158) or 87, whice I)Total	chever is more	stringent			
Ammonia- ⁽⁴⁾	Chronic= pH less than 7 Chronic= Cold Water = (m $acute = \frac{1}{1+1}$	=e ^{(1.3695[I} .0 = e ^{(1.3695} ig/ <u>L</u> I as N	n(hardness)]-0.1158) [In(hardness)]-0.1158) or 87, whic I)Total	chever is more	stringent			
Ammonia- ⁽⁴⁾	pH less than 7 Chronic= Cold Water = (m $acute = \frac{1}{1+1}$.0 = e ^{(1.3695} ng/ <u>L</u> l as N	^{[In(hardness)]-0.1158)} or 87, whic I)Total	chever is more	stringent			
Ammonia- ⁽⁴⁾	$\frac{\text{Chronic=}}{\text{Cold Water = (m)}}$ $acute = \frac{1}{1+1}$	= e ^{(1.3695} ig/ <u>L</u> l as N	I)Total	chever is more	stringent			
, V	Cold Water = (m $acute = \frac{1}{1+1}$	ng/ <mark>L</mark> I as N	I)Total	chever is more	stringent			
, V	$acute = \frac{1}{1+1}$	-	•					
V		0.275	a a a	Cold Water = (mg/ <u>L</u> as N)Total				
V		7 204	39.0					
V		10/.201	$-pH^{+} + \frac{1}{1+10}pH - 7.204$					
V	chronic =							
V	$chronic = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN\left(2.85, 1.45 * 10^{0.028(25-T)}\right)$							
	Warm Water = (mg/ <u>L</u> I as	N)Total					
Ļ	aguta	0.411	58.4					
F	ucure = 1 + 10	$0^{7.204-}$	$-pH + 1+10^{+}pH-7.204$					
		(0.0577 2.487		0.020/	(25 (7))		
	chronic (Apr1 – Au	$ug 31) = \left(\cdot \right)$	$\frac{58.4}{1+10} + \frac{58.4}{1+10} + \frac{58.4}{1+10} + \frac{2.487}{1+10} + 2.487$	$\left(\frac{1}{8}\right) * MIN \left(2.85, 1.4\right)$	45 * 10	(25-1))		
		```	(	)	(			
	chronic (Sep1 – N	Mar 31) =	$\left(\frac{0.0577}{1+10}, \frac{2.487}{1+10}, \frac{2.487}{1+10}, \frac{1}{1+10}, \frac$	$\frac{1}{1.45 \times 10^{0}}$ $(\times 1.45 \times 10^{0})$	.028*(25– <i>MA</i>	4X(T, 7))		
		,	$(1+10^{7.688-pH} 1+10^{pH-7})$	/.688				
Cadmium A	Acute(warm)(5)	= (1.13	6672-(In(hardness)* 0.04	1838))*e ^{(0.9789*lr}	n(hardness)-3.	443)		
	Acute(cold) ⁽⁵⁾ = $(1.136672 - (\ln(hardness))^* 0.041838))^* e^{(0.9789^*\ln(hardness) - 3.866)}$							
(	$Chronic = (1.101672-(ln(hardness) * 0.041838)) * e^{(0.7977*ln(hardness)-3.909)}$							
Chromium III ⁽⁶⁾	Acute = $e^{(0.819[I])}$	n(hardness)	]+2.5736)	-				
	$Chronic = e^{(0.819[ln(hardness)]+0.5340)}$							
	Acute = 16							
	Chronic = 11							
Copper /	Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$							
	$Chronic = e^{(0.8545[ln(hardness)]-1.7428)}$							
Lead A	Acute = (1.46203-[In(hardness)*(0.145712)])*e ^{(1.273[In(hardness)]-1.46)}							
	Chronic = (1.46	6203-[(lı	n hardness)* (0.145712)])	*e ^{(1.273[In(hardness)}	)]-4.705)			
Manganese A	Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$							
	Chronic_= e ^{(0.33}							
	Acute = $e^{(0.846[])}$							
	$Chronic = e^{(0.84)}$	i6[in(nardne	ss)]+0.0554)					
	Acute = 18.4							
01	$\frac{\text{Chronic} = 4.6}{4.6}$	2[lp/bordpo/	2016 52)					
Silver A	Acute = $\frac{1}{2} e^{(1.7)}$	Z[In(hardnes	ss)]-0.52)					
	Chronic = e ^{(1.72} Chronic(Trout)							
		= e(, z[			TEMPER	RATURE		
Temperature					STANDA			
	TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	(MWAT)	(DM)		
	Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7		
Г	Tier I ⁽⁸⁾			Oct May	9.0	13.0		
(	Cold Stream	CS-II	all other cold-water species	-		<del>23.9</del> 24.		
	Tier II ⁽⁸⁾			April – Oct.	18.3	<u>3</u>		
· · · · · · · · · · · · · · · · · · ·	<b>a</b> 1 1 1 (0)			Nov March	9.0	13.0		
	Cold Lake ⁽⁹⁾	CL	brook trout, brown trout, cutthroat	A 11 D	· · ·			
	Cold Lake ⁽⁹⁾		trout, lake trout, rainbow trout,	April – Dec.	17.0	21.2		

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾					
	Cold Large Lake (>100	CLL	brown trout, lake trout, rainbow trout	April – Dec.	18.3	<u>23.824.</u> 2
	acres surface area) <del> ⁽⁹⁾</del>			Jan March	9.0	13.0
	Warm Stream	WS-I	common shiner, Johnny darter, orangethroat darter, stonecat	March – Nov.	24.2	29.0
	Tier I		g	Dec. – Feb.	12.1	<u>14.524.</u> <u>6</u>
	Warm Stream Tier II	WS-II	brook stickleback, central stoneroller, creek chub, longnose dace, Nnorthern redbelly dace,	March – Nov.	27.5	28.6
			finescale dace, razorback sucker, white sucker, <u>mountain sucker</u>	Dec. – Feb.	13.8	<del>14.3<u>25.</u> 2</del>
	Warm Stream	WS-III	all other warm-water species	March – Nov.	28.7	31.8
	Tier III			Dec. – Feb.	14.3	<del>15.9<u>24.</u> 9</del>
	Warm Lakes	WL	Yvellow perch, walleye, pumpkinseed, smallmouth bass, striped bass, white bass, largemouth bass, bluegill, spottail	April – Dec.	26. <mark>32</mark>	29. <mark>53</mark>
			shiner, <u>stonecat, Nn</u> orthern pike, tiger muskellunge, black crappie, common carp, gizzard shad, sauger, white crappie, wiper	Jan March	13. <mark>21</mark>	14.8 <u>24.</u> 1
Uranium	$Acute = e^{(1.1021[ln(hardness)]+2.7088)}$					
	$Chronic = e^{(1.1021[ln(hardness)]+2.2382)}$					
Zinc	Acute = 0.978*e ^{(0.9094[In(hardness)]+0.9095)}					
	Chronic = 0.986*e (0.9094[In(hardness)]+0.6235)					

# TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/¹L 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) The acute(warm) cadmium equation applies to segments classified as Aquatic Life Warm Class 1 or 2. The acute(cold) cadmium equation applies to segments classified as Aquatic Life Cold Class 1 or 2.
- (6) 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 Wwater Seupply standard of 50 µg/L total chromium in those waters classified for domestic water use.

- (7) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (8) Mountain whitefish-based summer temperature criteria [16.9 (ch), 21.2 (ac)] apply when and where spawning and sensitive early life stages of this species are known to occur.
- (9) Lake trout-based summer temperature criteria [16.6 (ch), 22.4 (ac)] apply where appropriate and necessary to protect lake trout from thermal impacts.
- (8) 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 twomonth geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (9) All phosphorus standards are based upon the concentration of total phosphorus.
- (10) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

#### (4) <u>Site-specific Standards, Assessment Locations, and Assessment Criteria</u>

_The following criteria shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

(a) Upper South Platte Segment 6b, Chatfield Reservoir: <u>Chlorophyll</u> a_Assessment Thresholds

chlorophyll *a*= 11.2  $\mu$ g/ $\underline{L}$ , summer average, 1 in 5 year allowable exceedance frequency phosphorus(Tot) = 0.035 mg/ $\underline{L}$ , summer average, 1 in 5 year allowable exceedance frequency.

(b) Upper South Platte Segment 16h: Selenium Standards and Assessment Locations

Selenium Standards (µg/L):

West Toll Gate Creek: Selenium(chronic)=50.6, Selenium(acute)=119.2 East Toll Gate Creek: Selenium(chronic)=14.3, Selenium(acute)=15.9 Toll Gate Creek: Selenium(chronic)=26.5, Selenium(acute)=29.5

Selenium Assessment Locations:

- Toll Gate Creek (TG6): Downstream of the confluence of East and West Toll Gate Creeks, at 6th Avenue near the gage station.
- East Toll Gate Creek (ET1): Upstream of the confluence with West Toll Gate Creek, at Chambers Road and 1st Avenue.
- West Toll Gate Creek (WT1): Upstream of the confluence with East Toll Gate Creek, at 2nd Avenue.

(c) <u>Upper South Platte Segment 15 and Middle South Platte Segment 1a: Dissolved Oxygen</u> and Ammonia Standards

Dissolved Oxygen Standards:

Early Life Stage Protection Period	d (April 1 through July 31)
<u>1-Day^{1,2,3}</u>	<u>3.0 mg/L (acute)</u>
7-Day Average ^{1,4,5}	<u>5.0 mg/L</u>

Older Life Stage Protection Period (August 1 through March 31)

<u>1-Day^{1,2}</u>	2.0 mg/L (acute)
7-Day Mean of Minimums ^{1,6}	2.5 mg/L
30-Day Average ^{1,4}	4.5 mg/L

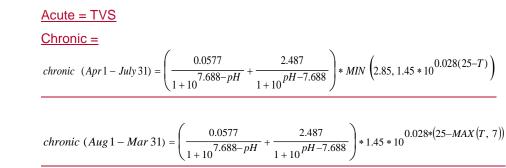
Dissolved Oxygen Footnotes

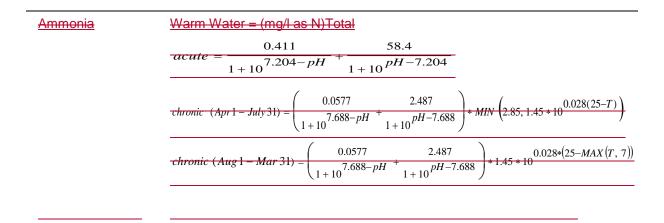
- For the purposes of determining compliance withattainment of the standards, dissolved oxygen measurements shall only be taken in the flowing portion of the stream and at mid-depth, and at least six inches above the bottom of the channel. Dissolved oxygen measurements in man-made pools are not to be used for determination of attainment of the standards. All sampling protocols and test procedures shall be in accordance with procedures and protocols approved by the division.
- 2. During a 24-hour day dissolved oxygen levels are likely to be lower during the nighttime when there is no photosynthesis. The dissolved oxygen levels should not drop below the acute standard (ELS acute standard of 3.0 mg/L or the Older Life Stage (OLS) standards of 2.0 mg/L). However, if during the Early Life Stage (ELS) period multiple measurements are below 3.0 mg/L during the same nighttime period, the multiple measurements shall be considered a single exceedance of the acute standard. For measurements below 2.0 mg/L during either the ELS or the OLS periods, each hourly measurement below 2.0 mg/L shall be considered an exceedance of the acute standards.
- 3. In July, the dissolved oxygen level may be lower than the 3.0 mg/L acute standard for up to 14 exceedances in any one year and up to a total of 21 exceedances in three years before there is a determination that the acute dissolved oxygen standards is not being met. Exceedances shall be counted as described in Footnote 2.
- 4. A minimum of four independent daily means must be used to calculate the average for the 7-day average standard. A minimum of eight independent daily means must be used to calculate the average for the 30-day average standard. The four days and the eight days must be representative of the 7day and the 30-day periods respectively. The daily means shall be the mean of the daily high and low values. In calculating the mean values, the dissolved oxygen saturation value shall be used in place of any dissolved oxygen measurements which exceed saturation.
- <u>For Upper South Platte Segment 15, north of the Lupton Bottoms Ditch</u> <u>diversion, the ELS 7-day average standards for the period July 1 – June 31</u> <u>shall be 4.6 mg/L.</u>
- 6. The 7-day mean minimum is the average of the daily minimums measured at the location on each day during any 7-day period.

#### Ammonia Standards:

#### Early Life Stage Protection Period (April 1 through July 31)

#### Ammonia Warm Water = mg/L as N (Total)





#### NH₃ = old TVS Warm Water Acute = 0.62/FT/FPH/2^(4 old) in mg/ (N)

Upper South Platte Segment 15 and Middle South Platte Segment 1a: Dissolved Oxygen Assessment Locations

For the purpose of determining attainment of the standard, dissolved oxygen measurements shall only be taken in the flowing portion of the stream and at mid depth, and at least six inches above the bottom of the channel. Dissolved oxygen measurements in man-made pools are not to be used for determination of attainment of the standards.

- (d) Big Dry Creek Segment 1: Selenium Assessment Locations
  - bdc 1.5: Upstream of Broomfield Wastewater Treatment Plant
  - bdc 2.0: Upstream of Westminster Big Dry Creek Wastewater Treatment Facility
  - bdc 4.5: Upstream of Northglenn Wastewater Treatment Plant
- (e) Big Dry Creek Segment 2 (Standley Lake): Chlorophyll a Assessment Thresholds

Chlorophyll <u>a</u> = 4.4 µg/L, Mar-Nov average, 1 in 5 yr allowable exceedance frequency

(f) Upper South Platte Segment 16i, Sand Creek from Toll Gate Creek to the confluence with the South Platte River: assessment locations for selenium and total mercury-

Selenium Standards (µg/L):

Upper: Selenium(chronic)=38.2, Selenium(acute)=45.1 Lower: Selenium(chronic)=9.0, Selenium(acute)=TVS

Selenium Assessment Locations:

- Upper (SWA): Downstream of the confluence of Sand Creek and Toll Gate Creek approximately 250 meters upstream of the Sand Creek Water Reuse Facility (SCWRF) discharge near the Peoria Street Bridge.
- Lower (SW1): Above Suncor, approximately 60 meters upstream of the Union Pacific Railroad crossing and upstream of Brighton Boulevard.

Mercury Assessment Locations and Method:

- Sand Creek (SWP) Downstream of the sheet piling drop structure located near the Brighton Blvd. Bridge.
- Sand Creek (SWP2-1) Approximately 600 feet downstream of Suncor Outfall 003 and immediately upstream of the Burlington Ditch Siphon.
- Attainment of the standard below Brighton Blvd. shall be assessed using the weighted 85th percentile total mercury concentration from both assessment locations.
- (g) Upper South Platte Segment 16g (Marcy Gulch): Selenium assessment-

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively, of paired samples taken the same day from from the two following locations:

- L29: Marcy Gulch upstream of Santa Fe Drive, immediately upstream of the Centennial Water & Sanitation District WWTF
- L36: Marcy Gulch upstream of the confluence with the South Platte River.
- (h) Upper South Platte Segment 16j: Selenium standards (µg/L) and assessment-

Lee Gulch: Selenium(chronic)=10, Selenium(acute)=TVS

Little's Creek: Selenium(chronic)=6, Selenium(acute)= TVS

Big Dry Creek: Selenium(chronic)=23, Selenium(acute)=26

Little Dry Creek: Selenium(chronic)=11, Selenium(acute)=TVS

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively. The selenium assessment locations are:

• Lee Gulch: Upstream of the confluence with the South Platte River

- Little's Creek: Upstream of the confluence with the South Platte River
- Big Dry Creek: Upstream of the confluence with the South Platte River
- Little Dry Creek: Upstream of the confluence with the South Platte River
- (i) Cherry Creek Segment 4b: Selenium standards (µg/L) and assessment

Upper Cottonwood Creek: October–February Selenium(acute/chronic)=TVS/14.0 March–September Selenium(acute/chronic)=TVS/7.1

Lower Cottonwood Creek: October–February Selenium(acute/chronic)=TVS/5.1 March–September Selenium(acute/chronic)=TVS

Break between Upper and Lower Cottonwood Creek is at the confluence with Lone Tree Creek.

Upper Lone Tree Creek: October–February Selenium(acute/chronic)=41.0/37.2 March–September Selenium(acute/chronic)=19.3/19.0

Lower Lone Tree Creek: Selenium(acute/chronic)=TVS

Break between Upper and Lower Lone Tree Creek is at the ACCWA Lone Tree Facility Outfall.

Upper Windmill Creek: Selenium(acute/chronic)=TVS

Middle Windmill Creek: October–February Selenium(acute/chronic)=TVS/15.1 March–September Selenium(acute/chronic)=TVS/8.4

Lower Windmill Creek: Selenium(acute/chronic)=TVS

Break between Upper, Middle and Lower Windmill Creek is at the assessment locations.

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively.

- Upper Cottonwood Creek: From headwaters to confluence with Lone Tree Creek, to be assessed at CT-P2 39.605694, -104.84825. At Peoria St.
- Lower Cottonwood Creek: From confluence with Lone Tree Creek to terminus at Cherry Creek Reservoir, to be assessed at CT2-39.627861, -104.85025. West of Perimeter Road and south of bike path.
- Upper Lone Tree Creek: From headwaters to just above site LTC-3, to be assessed using data from LTC-1 and LTC-2
   LTC-1 39.58435, -104.838017. Approximately 0.15 miles N of S. Revere Pkwy.
   LTC-2 39.59685, -104.838217. Approximately 10 yards N of E. Peakview Ave.

- Lower Lone Tree Creek: From site LTC-3 to confluence with Cottonwood Creek, to be assessed using data from LTC-3 and LTC-4 LTC-3 — 39.604817, - 104.837083. Below ACWWA Lone Tree facility outfall. LTC-4 — 39.614483, 104.840217. Downstream of confluence with Windmill Creek
- Upper Windmill Creek: From Headwaters to WC-1 Site WC-1-39.574967, 104.830017. West of Potomac St and South of Broncos Pkwy.
- Middle Windmill Creek: All sites between (but not including) WC-1 and WC-2. WC-1—39.574967, -104.830017. West of Potomac St and South of Broncos Pkwy. WC-2—39.59655, -104.821767. North of Cherry Creek Trail.
- Lower Windmill Creek: From site WC-2 to confluence with Lone Tree Creek, to be assessed at WC-2-39.59655, -104.821767. North of Cherry Creek Trail.
- (j) Clear Creek Segment 5: Manganese assessment
  - Below Woods Creek: West Fork of Clear Creek approximately 0.3 miles downstream of Berthoud Falls (39.771829°, -105.803418°).
  - Mouth of West Fork: West Fork of Clear Creek near County Road 257.
- (k) Big Dry Creek Segments 2, 3, 4a, 4b, 5a, and 5b: Ambient-based Site-specific Radionuclide Standards

The radionuclides listed in the table below shall be maintained at the lowest practical level and in no case shall they be increased by any cause attributable to municipal, industrial, or agricultural practices to exceed the site-specific numeric standards.

Parameter	<u>Segment 2</u> (Standley Lake) ¹	<u>Segment 3</u> (Great Western <u>Reservoir)¹</u>	<u>Segments 4a, 4b,</u> <u>5a, and 5b¹</u>
Ambient-based site-specific standards			
Gross Alpha	<u>6</u>	<u>5</u>	<u>NA</u>
Gross Beta	<u>9</u>	<u>12</u>	<u>NA</u>
<u>Plutonium</u>	<u>0.03</u>	<u>0.03</u>	<u>0.15^{2,3}</u>
Americium	<u>0.03</u>	<u>0.03</u>	<u>0.15^{2,3}</u>
Tritium	<u>500</u>	<u>500</u>	<u>500</u>
<u>Uranium</u>	<u>3</u>	<u>4</u>	<u>16.8 µg/L</u>
Other site-specific standards			
<u>Curium</u>	<u>60</u>	<u>60</u>	<u>60</u>
<u>Neptunium</u>	<u>30</u>	<u>30</u>	<u>30</u>

Radionuclides Footnotes:

- ^{1.} Statewide standards also apply for radionuclides not listed above.
- 2. 0.15 pCi/L Statewide Basic Standards.
- 3. For plutonium and americium measurements in Segment 4a⁵ in Woman Creek and Segment 5 in Walnut Creek, attainment will be assessed based on the results of a 12-month flow-weighted rolling average concentration (computed monthly).
- <u>NA = No site-specific standard applies</u>

Platte Canyon Reservoir:

DM and MWAT = CLL from 1/1 to 2/29

DM = CLL and MWAT = 25.0 from 3/1 to 12/31

Antero Reservoir:

 $\frac{\text{DM and MWAT} = \text{CLL from } 1/31 - 3/31}{\text{DM} = \text{CLL and MWAT} = 19.6 \text{ from } 4/1 \text{ to } 12/31}$ 

Elevenmile Reservoir:

DM and MWAT = CLL from 1/31 - 3/31DM = CLL and MWAT = 19.8 from 4/1 to 12/31

Spinney Mountain Reservoir:

DM and MWAT = CLL from 1/31 - 3/31

DM = CLL and MWAT = 20.2 from 4/1 to 12/31

Cheesman Reservoir:

DM and MWAT = CLL from 1/31 - 3/31

DM = CLL and MWAT = 21.9 from 4/1 to 12/31

Strontia Springs Reservoir:

DM and MWAT = CLL from 1/31 - 3/31

DM = CLL and MWAT = 22.6 from 4/1 to 12/31

Jefferson Lake:

DM and MWAT = CLL from 1/31 – 3/31

DM = 22.4 and MWAT = 16.6 from 4/1 to 12/31

All other locations DM and MWAT = CL, CLL year-round

(m) Cache la Poudre Segment 18: Temperature Standards

All locations DM and MWAT = CL,CLL from 1/31 - 3/31

Barnes Meadow Reservoir DM = CL and MWAT = 16.6 from 4/1 – 12/31

Chambers Lake DM = 22.4 and MWAT = 16.6 from 4/1-12/31

All other locations DM and MWAT = CL,CLL from 4/1 – 12/31

(n) Lower South Platte Segment 3: Temperature Standards

All locations DM and MWAT = WL from 1/31 - 3/31

North Sterling Reservoir DM = WL and MWAT = 26.1 from 4/1 – 12/31

Jumbo Reservoir DM = WL and MWAT = 27 from 4/1-12/31

Jackson Reservoir DM = WL and MWAT = 28.1 from 4/1 – 12/31

All other locations DM and MWAT = WL from 4/1 - 12/31

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

The stream classifications and water quality standards tables in Appendix 38-1 are incorporated herein by reference.

<u>The following is information regarding duration and measured form of standards in Appendix 38-1:</u>

- (a) *E. coli* criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for *E. coli* are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (b) All phosphorus standards are based upon the concentration of total phosphorus.
- (c) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.
- (d) All mercury standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water.
- (e) All ammonia, nitrate, and nitrite standards are based upon the concentration reported as <u>nitrogen.</u>
- (6) <u>Discharger Specific Variances</u>
  - (a) A Discharger Specific Variance (DSV) establishes a temporary water quality standard that represents the highest degree of protection of a classified use that is feasible within 20 years and is granted by the Commission pursuant to criteria contained in Regulation 31.7(4).
    - (i) In every case, the variance to the standard shall be temporary and must be reexamined not less than once every three years.
    - (ii) For DSVs that are longer than five years in duration, the Commission will submit the results of its re-evaluation to EPA within 30 days of the date the Commission completes its re-evaluation. Pursuant to 40 CFR 131.14(b)(1)(v)-(vi), the DSV will no longer be the applicable water quality standard for purposes of the Clean Water Act if the Commission does not conduct a re-evaluation consistent with the specified frequency or if the Commission does not submit the results within 30 days of completion of the re-evaluation process.
  - (b) The first number of the DSV is the underlying standard previously adopted by the Commission for the segment and represents the long-term goal for the waterbody. The first number will be used for assessing attainment for the waterbody and for the development of effluent limitations. The second number is the Commission's determination of the effluent concentration with the highest degree of protection of the

classified use that is feasible for the discharger. Control requirements, such as discharge permit effluent limitations, shall be established using the first number as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number during the term of the DSV for the named discharger.

(c) Upper South Platte River Segments 15 and 16i:

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

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

#### 38.7 COMMISSION'S DETERMINATION REGARDING STATE WATERS

(1) <u>Introduction</u>

The following list describes the Commission's determinations regarding water bodies that do not contain "State Waters."

- (2) <u>Determinations</u>
  - (a) Marston Forebay located in Upper South Platte Segment 23 within Sections 11, 12, 13 and 14 in Township 5 South, Range 69 West of the 6th P.M. in the City and County of Denver, Colorado.

#### 38.8 – 38.9 RESERVED

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# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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>Cherry Creek segments 5 and 7:</u> Rueter-Hess Reservoir was moved from Segment 5 to new Segment 7 to facilitate adoption of Class 2 Aquatic Life use classification based on diversity of fish present. The resegmentation also allowed for clarification that numeric nutrient standards apply to Rueter-Hess Reservoir. As part of this change, an exception for Segment 7 was added to the segment description for Segment 5.

<u>Clear Creek segments 12a and 12b:</u> The portion of Beaver Brook from Highway 40 to the confluence with Soda Creek, and the mainstem of Soda Creek from the source to the confluence with Clear Creek, were moved from Segment 12a to Segment 12b. Segment 12b previously contained only the portion of Beaver Brook from the source to Highway 40 and is classified as Aquatic Life Cold 1 with CS-I temperature standards. The move facilitated changing the Aquatic Life use (from Cold 2 to Cold 1) and the temperature standards (from CS-II to CS-I) based on presence of brook trout in these water bodies.

<u>Big Dry Creek Segment 5:</u> Lakes and reservoirs from Segment 5 were moved into new Segment 5b. This was to be consistent with the convention of keeping lakes and reservoirs in separate segments from streams. Segment 5a retained the stream portions from the parent segment. As part of this change, an exception for Segment 5a was added to the segment description for Segment 4a and an exception for Segment 5b was added to the segment description for Segment 7.

<u>Big Thompson segments 2, 3, 4a, 4b, 4c, and 7:</u> Segments 2, 3, and 4a were combined into Segment 2, as the uses and standards are the same for all three segments as a result of upgrades to the Aquatic Life use (from Cold 2 to Cold 1) on Segment 3 and Recreation use (from seasonal N/E to year-round E) on Segment 4a. From Segment 2, the exception of Segment 7 was deleted, which resulted in moving the mainstem of the North Fork of the Big Thompson River from the Rocky Mountain National Park boundary to the confluence with the Big Thompson River to Segment 2 (the uses and standards are the same for segments 2 and 7). From Segment 2, the references to Black Canyon Creek and Glacier Creek below Estes Park water treatment plant were deleted, as this portion of these waters is outside of the Rocky Mountain National Park boundary and is in Segment 2 by default. To minimize the number of deleted segments retained as placeholders, Segment 4a was deleted, Segment 4b was renamed Segment 3, and Segment 4c was renamed Segment 4; segments 4b and 4c were then also deleted. The result of all changes combined is that waters previously in segments 2, 3, 4a, 4b, 4c, and 7 now occupy segments 2, 3, 4, and 7.

<u>Cache la Poudre segments 2b and 3:</u> Elkhorn Creek, including its tributaries and wetlands, from the source to the confluence with the Cache la Poudre River, was moved from Segment 2b to Segment 3. The move facilitated changing the temperature standards from CS-II to CS-I based on presence of brook trout in Elkhorn Creek and its tributaries. As part of this change, an exception for Segment 3 was added to the segment description for Segment 2b.

<u>Cache la Poudre segments 7, 8, and 9:</u> Segments 7, 8 (except for a few tributaries), and 9 were combined into Segment 7, as the uses and standards are the same for all three segments as a result of upgrades to the Aquatic Life use (from Cold 2 to Cold 1) on Segment 8. Segment 7 has CS-II temperature standards. Some Segment 8 tributaries (Middle Fork Rabbit Creek, Stonewall Creek, North Fork Lone Pine Creek, and South Fork Lone Pine Creek, including all tributaries and wetlands) remained in Segment 8 to facilitate changing the Aquatic Life use from Cold 2 to Cold 1 and the temperature standards from CS-II to CS-I. As a result of these changes, Segment 9 is now vacant (shown as "Deleted." in Appendix 38-1).

<u>Cache la Poudre segments 13b and 13c:</u> The mainstem of Boxelder Creek from the source to above Slab Canyon Wash was moved from Segment 13b to Segment 13c to facilitate changing the Aquatic Life use from Warm to Cold. Segments 13b and 13c were then switched so that the segments were ordered from upstream to downstream. New Segment 13b contains Boxelder Creek from the source to Slab Canyon Wash, and the mainstems of South Branch of Boxelder Creek, Northern Branch of Boxelder Creek, and Sand Creek. New Segment 13c contains of Boxelder Creek from Slab Canyon to the confluence of the Cache la Poudre River.

<u>Lower South Platte Segment 1:</u> Segment 1 was split into segments 1a and 1b. Segment 1a includes the South Platte River from the Weld/Morgan County line to the Morgan/Washington

County line. Segment 1b includes the South Platte River from the Morgan/Washington County line to the Colorado/Nebraska border. This resegmentation facilitates changing the Aquatic Life use from Warm 2 to Warm 1 and the temperature standards from WS-II to WS-I on Segment 1a.

Lower South Platte segments 2a and 2b: Segments 2a and 2b were combined into new Segment 2, as the uses and standards are the same for both segments as a result of upgrades to the Aquatic Life use (from Warm 2 to Warm 1) on both segments and the Recreation use (from P to E) on Segment 2a, and the addition of the Water Supply use on Segment 2b. The segment description for Segment 2 is the same as Segment 2a, except it no longer has an exception for Segment 2b.

Lower South Platte Segment 3 and Middle South Platte Segment 8: Riverside Reservoir was moved from Lower South Platte Segment 3 to new Middle South Platte Segment 8. This change was made because Riverside Reservoir is actually in the Middle South Platte sub-basin.

Lower South Platte segments 4 and 5: Segments 4 and 5 were combined into Segment 4, as the uses and standards are the same for both segments as a result of application of the full suite of Aquatic Life standards on Segment 4 and an upgrade of the Recreation use (from P to E) on Segment 4. The segment description for Segment 4 was changed to eliminate the exception for Segment 5. Segment 5 was deleted.

<u>Republican River segments 8 and 9:</u> Segments 8 and 9 were combined into Segment 8, as the uses and standards are the same for both segments as a result of application of the full suite of Aquatic Life standards and upgrades to the Aquatic Life use (from Warm 2 to Warm 1) and Recreation use (from U to E) on Segment 8. The segment description for Segment 8 was changed to eliminate the exception for Segment 9. Segment 9 was deleted.

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

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

The commission reviewed information regarding the current Aquatic Life use classifications and evidence pertaining to existing aquatic communities. In addition, newly created segments were given the same Aquatic Life use classification as the segment from which they were split, unless there was insufficient evidence to support keeping that classification, or evidence to show that the existing use classification was inappropriate.

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

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

The commission reviewed information regarding the existing aquatic communities. No segments were lacking an Aquatic Life use, but Class 2 segments with high MMI scores or a wide variety of fish species, including sensitive species, were upgraded from Class 2 to Class 1.

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

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

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

The following segment was upgraded from Warm 2 to Cold 1:

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

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

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

The lists above include Aquatic Life use changes that apply to entire segments. Significant differences in the Aquatic Life use that warrant a change on only a portion of a segment are described in Section A (Water Body Segmentation).

The Aquatic Life Warm 1 Goal Qualifier was removed from the following segment because fish and benthic macroinvertebrate data demonstrate a wide variety of biota, including sensitive species, is currently being sustained:

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

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

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

# C. Recreation Use Classifications and Standards

The commission reviewed information regarding the current Recreation use classifications and evidence pertaining to actual or potential primary contact recreation. 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. The lists in this section include Recreation use changes that apply to entire segments. Significant differences in the Recreation use that warrant a change on only a portion of a segment are described in Section A (Water Body Segmentation).

Based upon evidence that portions of these segments are publicly accessible and located in a developed area where there is easy access for children, it was determined that primary contact recreation is expected to occur. The following segments with a Recreation P use classification and standards were upgraded to Recreation E:

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

Based upon evidence that portions of these segments are publicly accessible and located in a developed area where there is easy access for children, it was determined that primary contact recreation is expected to occur. The following segments with a Recreation N use classification and standards were upgraded to Recreation E:

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

Based upon evidence that portions of these segments are publicly accessible and/or accessible to families who live in the area or visitors to public recreation lands in these segments, it was determined that primary contact recreation is expected to occur, including water play by children. The following segments with a Recreation U use classification and standards were upgraded to Recreation E:

Based upon evidence that portions of these segments are publicly accessible and/or accessible to families who live in the area or visitors to public recreation lands in these segments, it was determined that there is the potential for primary contact recreation, including water play by children. However, at this time, existing primary contact uses were not identified. Therefore, the following segments with a Recreation N use classification and standards were upgraded to Recreation P:

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

# D. Water Supply Use Classification and Standards

The commission reviewed information regarding the current Water Supply use classifications and evidence pertaining to potable water supplies. In addition, newly created segments were given the same Water Supply 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. The lists in this section include Water Supply use changes that apply to entire segments. Significant differences in the Water Supply use that warrant a change on only a portion of a segment are described in Section A (Water Body Segmentation).

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

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

# E. Agriculture Use Classification and Standards

The commission reviewed information regarding the current Agriculture use classifications and evidence pertaining to livestock watering and crop irrigation for three segments lacking an Agriculture use (Clear Creek segments 7a, 7b, and 8). Based on an evaluation of the available data and information, no changes were adopted at this time.

# F. Other Standards to Protect Aquatic Life and Recreation Uses

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

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

# G. Antidegradation Designations

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

# H. Ambient Quality-based Site-specific Standards

Site-specific ambient quality-based standards are adopted where a comprehensive analysis has been conducted demonstrating that ambient water quality levels elevated above the water quality standards are a result of natural conditions or are infeasible to reverse, but are adequate to protect the highest attainable use (31.7(1)(b)(ii)). All existing ambient-based standards were reviewed and no revisions were made.

<u>Cherry Creek Segment 4b (COSPCH04b)</u>: During the 2015 Regulation No. 38 rulemaking hearing, the commission adopted site-specific ambient quality-based standards for selenium for Segment 4b and directed Cottonwood Water and Sanitation District (CWSD) to develop a study plan in agreement with stakeholders to collect additional baseline data that would support a "before and after discharge" evaluation of aquatic life. CWSD provided an update regarding the study plan developed and implemented for baseline data collection and describing activities completed since 2015. Given the potential detrimental effect of increased selenium to the downstream Aquatic Life use after discharge from the plant resumed in early 2020, CWSD agreed to a longevity plan that details continued data collection and highest attainable use evaluation activities to support review of the ambient-based standards. The plan includes fish tissue sampling to demonstrate whether the site-specific standards are appropriate to protect downstream aquatic communities such as the commercially important walleye fishery in Cherry Creek Reservoir. The commission will review these site-specific ambient quality-based standards in the next Regulation No. 38 rulemaking hearing using data collected by CWSD over the next five years to determine if the site-specific standards are still appropriate and protective of the Aquatic Life use in Segment 4b and downstream waters.

#### I. Site-specific Criteria-based Standards

Site-specific criteria-based standards are adopted where site-specific studies demonstrate standards other than table value standards are appropriate (31.7(1)(b)(iii)). All existing criteria-based site-specific standards were reviewed, and where appropriate were revised, allowed to expire, or deleted. Site-specific standards were allowed to expire from the following segments:

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

Site-specific copper standards based on the Fixed Monitoring Benchmark (FMB) application of the Biotic Ligand Model (BLM) were adopted for multiple segments during the December 2014 temporary modifications rulemaking (Big Thompson Segment 2) and the June 2015 Regulation No. 38 rulemaking (Upper South Platte segments 14, 15, and 16g and Middle South Platte Segment 1a). When these site-specific standards were adopted, proponents agreed to longevity plans that included continued monitoring and analysis of BLM parameters to facilitate review of the standards at the future basin hearings (38.90(I)).

Using these data, the commission reviewed all segments with BLM-based standards for copper. To determine if water quality conditions had changed significantly and standards revisions were necessary, existing BLM-based standards were compared to BLM-based standards calculated from the more recent datasets using a 95 percent confidence interval approach.

Based on an evaluation of more recent data, BLM-based site-specific copper standards were not revised for the following segments:

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

Based on an evaluation of more recent data, BLM-based site-specific copper standards were revised for the following segments:

The commission will review these BLM-based standards in the next Regulation No. 38 rulemaking hearing using data collected over the next five years to ensure that BLM-based standards capture any changes in water quality. Centennial Water and Sanitation District, Metro Wastewater Reclamation District, and Upper Thompson Sanitation District have agreed to longevity plans to continue all necessary data collection and evaluation activities to support review of the BLM-derived copper standards at the next Regulation No. 38 hearing.

# J. Temporary Modifications

All existing temporary modifications were examined to determine whether they should be deleted, modified, extended, or left unchanged.

# 1. Temporary Modifications for Standards Other than Arsenic

The commission allowed to expire on 12/31/2020 temporary modifications on the following segments:

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

The commission took no action on the following temporary modifications:

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

<u>Clear Creek Segments 7a and 7b (COSPCL07a and COSPCL07b)</u>: Climax Molybdenum Company provided an update to the commission regarding progress being made in implementing the existing plan to resolve uncertainty and demonstrating the ongoing need for the temporary modifications for chronic and acute temperature, copper, and zinc; chronic cadmium, iron, lead, mercury, nickel, and silver for Clear Creek Segments COSPCL07a and 07b that are set to expire 6/30/2023. The update demonstrated continued instream nonattainment, predicted compliance issues, and remaining uncertainty regarding the appropriate standards for these parameters to protect the uses and the extent to which instream conditions are reversible. Climax also provided an updated plan to resolve uncertainty that included details regarding the scheduled investigations and reporting required to resolve the uncertainty by 06/30/2023. Based on an evaluation of the available data and information, the commission made no changes at this time.

# 2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 38.99, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained. In addition, for segments where a Water Supply or Aquatic Life use change resulted in a corresponding revision of the arsenic standard, an arsenic temporary modification was adopted for the 0.02  $\mu$ g/L Water + Fish numeric standard in recognition of existing and predicted compliance issues, instream nonattainment, and the uncertainty regarding "the water quality standard necessary to protect current and/or future uses" (31.7(3)).

For arsenic, a known human carcinogen, the uncertainty is multi-faceted. For example, there are unresolved questions about existing water quality conditions (including spatial and temporal variation), the sources and causes of any numeric standard exceedances, and to what extent existing conditions may be a result of natural or irreversible sources. Likewise, with reference to the equations used to calculate the Water + Fish, Water Supply, and Fish Ingestion table value standards for arsenic (Policy 96-2), there are unresolved questions about the cancer slope, the bioconcentration or bioaccumulation factor, and the percentage of total arsenic in fish tissue that is inorganic. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

Temporary modifications for arsenic were added to the following segments:

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

# K. Discharger Specific Variances

There is currently one discharger specific variance (DSV) for selenium which applies to two segments in the South Platte River Basin (Upper South Platte segments 15 and 16i). The commission reviewed the basis for this DSV and the available information regarding Suncor Energy Refinery's progress toward achieving the alternate effluent limit. The commission determined that the alternative effluent Limit (AEL) adopted in 2016 continues to represent the highest attainable water quality that is feasible for Suncor to achieve. Therefore, the commission determined that this DSV is still appropriate and does not require revision at this time.

#### L. Temperature Standards

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 2015, the new temperature standards were adopted for all segments with an Aquatic Life use classification in Regulation No. 38. 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.

- Colorado Temperature Database Update: The Colorado Temperature Database was updated in 2016 to reflect the most recent research regarding the thermal requirements of Colorado's fishes, which allowed for adoption of an overall update of the cold and warm water acute and chronic temperature table value standards. In this hearing, the commission adopted revisions at 38.6(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 38.6(3) to bring this regulation into conformity with the revised warm water winter acute temperature table value standards found in Table I of Regulation No. 31.
- 3. Mountain Whitefish and Lake Trout Footnotes: In 2016, the commission adopted two footnotes to Table I of Regulation No. 31 to allow for additional thermal protection of mountain whitefish and lake trout where appropriate. These species were given special summer standards due to their thermal sensitivity and limited distributions. Lake trout occur in only a small number of lakes and reservoirs, and thermally-sensitive early life stages of mountain whitefish are known to occur only in certain cold waters during certain times of the year.

While early life stages of mountain whitefish are known to be the most thermally-sensitive, the time period these early life stages occur can vary from site to site. Mountain whitefish spawn in the fall, but timing of spawning, incubation, and emergence all depend on a variety of site-specific factors, including water temperature. The incubation period takes longer when water is colder, and that will delay hatching, emergence, and migration of fry. Depending on when spawning occurs and the water temperature in which the eggs are spawned and incubated, the incubation period could last through late spring.

Based on information provided by Colorado Parks and Wildlife (CPW), thermally-sensitive early life stages of mountain whitefish occur in certain water bodies in Regulation No. 38. Spawning begins in October and the fry life stage is complete by May in these water bodies. Therefore, only limited application of the mountain whitefish summer temperature standards to protect eggs, larvae, and fry is necessary.

In segments currently assigned CS-I temperature standards, the application of the mountain whitefish summer temperature standards is not necessary. The winter season included in CS-I temperature standards (i.e., October to May) is expected to cover the period when mountain whitefish early life stages are expected to occur (i.e., October to May). In addition, the CS-I winter standards are more stringent than the mountain whitefish summer standards. Therefore, because the CS-I temperature standards are protective of mountain whitefish early life stages, the commission did not adopt the mountain whitefish summer standards on segments with CS-I temperature standards in Regulation No. 38. While the commission made no changes to the temperature standards, mountain whitefish spawning and early life stages are known to occur in the following CS-I segment:

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

In this hearing, the commission adopted standards to protect lake trout on a site-specific basis where information provided by CPW indicated that this species occurs and protection from thermal impacts is appropriate. Adoption of lake trout standards are dependent on two factors: the existing temperature tier (cold lake or cold large lake) and whether a site-specific temperature standard was already in place. For cold lakes, only the chronic lake trout standard was adopted, as the acute cold lake temperature standard (21.2°C) is more protective than the acute lake trout standard (22.4°C). The chronic lake trout standard (16.6°C) is more protective than the chronic cold lake temperature standard (17.0°C). For cold large lakes, both acute and chronic lake trout standards were adopted unless there was a site-specific standard in place. Acute and chronic lake trout standards (22.4 and 16.6°C, respectively) are more protective than acute and chronic cold large lake standards (24.2 and 18.3°C, respectively). Lake trout standards were not proposed where an existing site-specific standard is applied.

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

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

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

In the 2016 Regulation No. 31 hearing, the commission declined to adopt the division's proposal for statewide solutions for temperature transition zones and shoulder seasons, in favor of a basinby-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. To address the uncertainty, additional data collection has been conducted where possible, and all new information collected since the last basin review was evaluated.

- 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 2020 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 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.

Temperature standards have been implemented and reviewed in Regulation No. 38 during three triennial reviews - 2009, 2015, and 2020. The level of emphasis and effort dedicated to understanding the aquatic community and temperature standards implementation during these reviews has resulted in a great deal of progress and application of appropriate temperature standards across the basin. Accordingly, no site-specific temperature standards and fewer Aquatic Life use revisions were necessary compared to previous basin reviews.

Based upon a review of 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, no segments were identified as warranting a change to less stringent temperature standards as a result of water quality that 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.

Based upon information regarding the species expected to occur, the commission adopted revisions of temperature standards to protect thermally-sensitive species for the segments listed below.

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

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

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

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

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

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

Further investigation of the appropriate temperature standards is needed, so no changes were adopted at this time for the following segments:

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

Clear Creek segments 14a, 14b, and 15 (COSPCL14a, COSPCL14b, COSPCL15): These segments are currently assigned Warm Stream Tier II temperature standards. However, the commission recognizes that there is uncertainty about the appropriate temperature standards applied to these segments based on fish data available from Colorado Parks and Wildlife (CPW) for Clear Creek segments 14a and 15 that show the presence of several cold water species, including consistent catches of large numbers of brown trout and longnose suckers, and occasional catches of rainbow trout, and singleyear catches of brook trout and cutthroat trout. Reproduction of cold water species has not been investigated in any of these segments. No fish data are available for Segment 14b, which is a short segment located between segments 14a and 15. These data raise questions regarding the appropriateness of the Warm Stream Tier II temperature standards for these segments. It is the commission's intent that the division will continue to work with CPW and interested parties to resolve the uncertainty regarding whether these populations are self-sustaining, and to what degree the drop structure at the most upstream portion of Segment 14a is obstructing upstream return of cold water fish flushed downstream.

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

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

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

# N. Standards Corrections and Clarifications

- 1. Duration of Nitrite Standard: The commission corrected the duration of the nitrite standard from chronic to acute on all segments. When the commission adopted the new format for tables in 2016, all nitrite standards were incorrectly included in the "chronic" standards column.
- **2. Uranium:** To improve the clarity of the regulation, the commission included references to the basin-wide uranium standards at 38.5(3) in the Appendix 38-1 tables. For the acute and chronic uranium standards for all segments, the commission included a reference to 38.5(3) to clarify that the basic standard at 38.5(3) applies to all waters in Regulation No. 38. Because these standards already applied basin-wide, there is no practical effect of this change.
- **3. Mercury:** To improve the clarity of the regulation, the commission added Total Recoverable notation (T) to the mercury Aquatic Life and Water Supply standards. The standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water. Multiple forms of mercury exist in the environment and these forms differ dramatically in both their potential to cause toxic effects and their availability for uptake by organisms. Certain aquatic conditions can lead to the conversion to the highly bioaccumulative, toxic, organic form

(methylmercury). The mercury standards are designed to provide protection from the accumulation of those toxic forms and therefore, the standards address all forms of mercury. The addition of the Total Recoverable notation does not represent a change in current Colorado policy or procedures.

# O. Correction of Typographical and Other Errors and Segmentation Clarification

The following edits were made to the regulation and Appendix 38-1 to improve clarity and correct typographical errors:

- The formatting of the tables in Appendix 38-1 was modified to include only parameters that have been adopted in a majority of segments. The tables include rows for physical and biological, inorganic, and metals for all parameters which the commission commonly adopts into segments. In segments where there is no numeric standard for a commonly adopted parameter, a blank row for that parameter is included to show the commission's site-specific decision not to adopt a numeric standard for that parameter. The commission removed beryllium and aluminum from all segments where no standard has been adopted because these parameters have only been adopted on a site-specific basis, rather than basin-wide.
- Information was added at 38.6(5) specifying that the mercury standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water.
- Information was added at 38.6(5) specifying that the ammonia, nitrate, and nitrate standards are to be reported as nitrogen. This is consistent with the description of the standards as they are included in Table II of Regulation No. 31.
- Information regarding site-specific ammonia and dissolved oxygen standards previously adopted for Upper South Platte Segment 15 and Middle South Platte Segment 1a was moved from Appendix 38-1 to 38.6(4) and edited for clarity.
- Information regarding site-specific radionuclide standards previously adopted for Big Dry segments 2, 3, 4a, 4b, 5 was moved from Appendix 38-1 to 38.6(4) and edited for clarity.
- Some segments that were previously deleted, but were reserved as placeholders in Appendix 38-1, were permanently removed from the appendix. Previously-deleted segments that are necessary to maintain continuous numbering of segments were retained. The following previously-deleted segments were not necessary to maintain continuous numbering of segments, and were removed from Appendix 38-1:

Upper South Platte River: US06c, US10b Bear Creek: 4b and 4c

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

Upper South Platte River: 6b, 19 Bear Creek: 1b, 1c, 1e Boulder Creek: 18 Big Thompson River: 11 Cache la Poudre River: 14, 20 Lower South Platte River: 3

• The segment descriptions in Appendix 38-1 were reviewed, and minor revisions were made to several segments to correct grammar, punctuation, and typos, and improve sentence structure. The purpose of these changes was to improve clarity and consistency of the segment descriptions.

Upper South Platte River: 2a, 3, 4, 7, 8, 11b, 16c, 19, 21, 22a, 23 Cherry Creek: 4a Bear Creek: 3, 6a,11 Clear Creek: 2a, 2b, 2c, 3a, 6, 10, 13b, 16b, 21, 24 Big Dry Creek: 1, 4a, 4b, 5a, 7 Middle South Platte River: 3a, 5c Big Thompson River: 1, 2 Cache la Poudre River: 1, 6, 12, 18, 21 Laramie River: 2a, 4 Lower South Platte River: 3, 4 Republican River: 1, 3, 6

• Coordinates were added to several segment descriptions to facilitate location of segment boundaries.

Upper South Platte River: 16d, 16e, 16f Big Thompson River: 2, 3, 6, 8, 9, 10, 16, 17, 18, 19 Cache la Poudre River: 2b, 10a, 10b, 13a, 16, 18, 21

- Bear Creek Segment 7: The effective date of 12/31/2020 for phosphorous(chronic) was deleted from the 'Other' column, as the standard will be effective on the effective date of this regulation.
- Clear Creek Segment 12a: Added missing footnote "A" that accompanies Arsenic(T) standard of 0.02-10 μg/L.
- Clear Creek Segment 12b: The designation for the 0.02 µg/L arsenic standard for Water Supply was changed from arsenic to arsenic(T) to reflect the correct fraction of arsenic protective of the use.
- Clear Creek Segment 16b: The exception for Segment 17a was removed. Segment 17a is a lakes and reservoirs segment, while Segment 16b is a stream segment.
- Big Dry segments 2, 4a, 4b, 5a, and 5b: The beryllium standards were changed from beryllium to beryllium(T) to reflect the correct fraction of beryllium that is protective of the use.
- Big Thompson Segment 1: The exception of Segment 2 was unnecessary and was deleted for clarity.
- Big Thompson Segment 6: Exceptions were for segments 7 through 10 were added for clarity.
- Big Thompson Segment 17: Exceptions for segments 17 and 18 were added for clarity.
- Cache la Poudre Segment 2b: An exception for Segment 1 was added for clarity.

## COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

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

APPENDIX 38-1 Stream Classifications and Water Quality Standards Tables

Effective 06/30/202012/31/2020

# Abbreviations and Acroynms

Aq	=	Aquatic
°C	=	degrees Celsius
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
D.O.	=	dissolved oxygen
DM	=	daily maximum temperature
DUWS	=	direct use water supply
E. coli	=	Escherichia coli
EQ	=	existing quality
mg/L	=	milligrams per liter
mg/m²	=	milligrams per square meter
mL	=	milliliter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters
SSE	=	site-specific equation
Т	=	total recoverable
t	=	total
tr	=	trout
TVS	=	table value standard
µg/L	=	micrograms per liter
UP	=	use-protected
WS	=	water supply
WS-I	=	warm stream temperature tier one
WS-II	=	warm stream temperature tier two
WS-III	=	warm stream temperature tier three
WL	=	warm lake temperature tier

າລ. พลแจเยท	of the South Platte River from the sour	ce of the South and Middle Forks to	the inlet of Che	eesman Rese	ervoir.		
COSPUS01A	Classifications	Physical and Bic	logical			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	TVS
Temporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
-	te of 12/31/2024				Chromium III(T)	50	
*oblorophyll o	(mg/m ² )(chronic) = applies only above	Inorganic (	mg/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus(or facilities listed	chronic) = applies only above the at 38 5(4)	Ammonia	TVS	TVS	Iron		WS
	te) = See $38.5(3)$ for details.	Boron		0.75	Iron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
	= summer criteria apply from 4/1-	Chlorine	0.019	0.011	Lead(T)	50	
10/31		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cuildo		0.002	Silver	TVS	TVS(tr)
					Uranium	-varies*	varies*
					Zinc	TVS	TVS
1b. All tributari	ies to the South Platte River, including	wetlands within the Lost Creek and	Mt. Evans Wild	lerness Areas			
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW							
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Aq Life Cold 1 Recreation E	Temperature °C	CS-I acute	CS-I chronic	Arsenic	340	
5		Temperature °C D.O. (mg/L)				 340 	0.02
Qualifiers:	Recreation E		acute	chronic	Arsenic		
	Recreation E	D.O. (mg/L)	acute	chronic 6.0	Arsenic Arsenic(T)		0.02
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute 	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium		0.02
Qualifiers: Other:	Recreation E	D.O. (mg/L) D.O. (spawning)	acute   6.5 - 9.0	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) <del>Beryllium</del>	 TVS	0.02  TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0	0.02  TVS 
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 TVS 5.0 	0.02  TVS 
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute  6.5 - 9.0  mg/L)	chronic           6.0           7.0              150           126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	0.02 TVS TVS TVS TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (	acute  6.5 - 9.0  mg/L) acute	chronic           6.0           7.0              150           126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS 5.0  50	0.02  TVS  TVS  TVS TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia	acute  6.5 - 9.0  mg/L) acute TVS	chronic           6.0           7.0           150           126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS 5.0  50 TVS TVS 	0.02 TVS  TVS TVS TVS TVS WS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	acute  6.5 - 9.0  mg/L) acute TVS	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	 TVS 5.0  50 TVS TVS	0.02  TVS  TVS  TVS TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	acute 6.5 - 9.0 mg/L) acute TVS	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	 TVS 5.0  50 TVS TVS 	0.02 TVS TVS TVS TVS TVS WS 1000
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  mg/L) acute TVS  0.019	chronic           6.0           7.0           150           126           Chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  mg/L) acute TVS  S  0.019 0.005	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  mg/L) acute T∨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(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del>
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 0.05 ⁻	chronic 6.0 7.0 150 126 250 0.011 0.05 0.05 0.05 0.05 0.05	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del>
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> ⁻	chronic         6.0         7.0         150         126         Chronic         TVS         0.75         250         0.011            0.05         0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(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( <del>()</del> 150 TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  mg/L) acute T∨S  0.019 0.005 10 <u>0.05</u> ⁻ 	chronic         6.0         7.0         150         126         VS         0.75         250         0.011            0.05         0.11         WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> ⁻	chronic         6.0         7.0         150         126         Chronic         TVS         0.75         250         0.011            0.05         0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 0.01( <del>+)</del> 150 TVS 100 TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  mg/L) acute T∨S  0.019 0.005 10 <u>0.05</u> ⁻ 	chronic         6.0         7.0         150         126         VS         0.75         250         0.011            0.05         0.11         WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS  TVS TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>1)</del> 150 TVS 100 TVS TVS
Qualifiers: Other: *Uranium(acut	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  mg/L) acute T∨S  0.019 0.005 10 <u>0.05</u> ⁻ 	chronic         6.0         7.0         150         126         VS         0.75         250         0.011            0.05         0.11         WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 0.01( <del>+)</del> 150 TVS 100 TVS

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

COSPUS02A	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	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2024				Chromium III(T)	50	
chlorophyll a	(mg/m ² )(chronic) = applies only above	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
ne facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus( acilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	te) = See $38.5(3)$ for details.	Boron		0.75	lron(T)		1000
<u>Jranium(chro</u>	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	-varies*	varies*
					Oranium	-vanes	Vanoo
					Zinc	TVS	TVS
	of Mosquito Creek from the confluence	e with South Mosquito Creek to	its confluence with t	he Middle Fo	Zinc	TVS	
OSPUS02B	Classifications	e with South Mosquito Creek to Physical and	Biological		Zinc ork of the South Platte Rive	TVS er. Metals (ug/L)	TVS
OSPUS02B	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc ork of the South Platte Rive	TVS er.	
OSPUS02B	Classifications Agriculture Aq Life Cold 1		Biological DM CS-I	MWAT CS-I	Zinc ork of the South Platte Rive	TVS er. Metals (ug/L) acute	TVS
OSPUS02B	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc ork of the South Platte Rive Aluminum Arsenic	TVS Metals (ug/L) acute 340	TVS chronic
OSPUS02B resignation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T)	TVS er. Metals (ug/L) acute	TVS chronic
OSPUS02B esignation P Rualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute 340 	TVS chronic  0.02
OSPUS02B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340  TVS	TVS chronic
COSPUS02B Designation JP Qualifiers: Dther:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340  TVS 5.0	TVS chronic  0.02  TVS 
COSPUS02B Designation JP Qualifiers: Dther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Pr. Metals (ug/L) acute 340  TVS 5.0 	TVS chronic  0.02  TVS 
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340  TVS 5.0  50	TVS chronic  0.02  TVS 
COSPUS02B Designation IP Qualifiers: Other: Eemporary M rrsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  tic (mg/L)	MWAT CS-I chronic 6.0 7.0  126	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Pr. Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS chronic 0.02 TVS  TVS  TVS
COSPUS02B Designation IP Qualifiers: Other: Temporary M Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  tic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  126 chronic	Zinc Trk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Pr. Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  tic (mg/L)	MWAT CS-I chronic 6.0 7.0  126  126 	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  tic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	TVS chronic 0.02 TVS  TVS TVS TVS TVS SVS WS 1000
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-1 acute  6.5 - 9.0  nic (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Zinc Trk of the South Platte River Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS  TVS TVS TVS TVS SVS WS 1000
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-1 acute  6.5 - 9.0  nic (mg/L) CS-1 CS CS CS CS CS CS CS CS CS CS	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75	Zinc Trk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Pr. Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50	TVS chronic 0.02 TVS TVS TVS TVS SVS 1000 TVS
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-1 acute  6.5 - 9.0  nic (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Zinc prk of the South Platte Rive 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	TVS Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CS CS  CS CS  CS  CS  CS  	MWAT CS-I chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Pr. Metals (ug/L) acute ac	TVS chronic  0.02  TVS  TVS WS 1000 TVS  TVS/WS 0.01(#)
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute  6.5 - 9.0  ( ( () ( () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011 	Zinc rk of the South Platte Rive 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(T) Molybdenum(T)	TVS Pr. Metals (ug/L) acute ac	TVS chronic 0.02 TVS TVS TVS US 1000 TVS US 1000 TVS US 1000 TVS US 1000
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  CS CS  CS CS  CS  CS  CS  	MWAT CS-I chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Pr. Metals (ug/L) acute ac	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS TVS/WS 0.01(#) 150 TVS
OSPUS02B esignation P ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-1 acute   6.5 - 9.0   CS  CS   	MWAT CS-I Chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc rk of the South Platte Rive 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(T) Molybdenum(T)	TVS Pr. Metals (ug/L) acute ac	TVS chronic 0.02 TVS TVS TVS TVS 1000 TVS 0.01( <del>+</del> ) 150 TVS 1000
COSPUS02B Designation IP Qualifiers: Other: Temporary M Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(chron Aursenic(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  ( 0.5   NC  0.019 0.005 10  0.015 	MWAT CS-I chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05 	Zinc Trk of the South Platte Rive 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(T) Nickel	TVS Pr. Metals (ug/L) acute ac	TVS chronic 0.02 TVS TVS TVS TVS 1000 TVS 0.01( <del>+</del> ) 150 TVS 1000
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute  6.5 - 9.0  ( CVS  bic (mg/L)  0.019 0.005 10  10  10   	MWAT CS-I Chronic 6.0 7.0  126 0.0 Chronic Chronic 0.75 250 0.011 0.011  0.011 0.011  0.011  WS	Zinc  Tk of the South Platte Rive  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(T)  Nickel Nickel(T)	TVS Pr. Metals (ug/L) acute ac	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000
OSPUS02B resignation P tualifiers: tther: emporary M rsenic(chron xpiration Dat Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute  6.5 - 9.0  ( CVS  bic (mg/L)  0.019 0.005 10  10  10   	MWAT CS-I Chronic 6.0 7.0  126 0.0 Chronic Chronic 0.75 250 0.011 0.011  0.011 0.011  0.011  WS	Zinc  Trk of the South Platte Rive  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(T)  Molybdenum(T) Nickel Nickel(T) Selenium	TVS Pr.  Metals (ug/L)  acute  340   340   TVS  5.0   50  TVS  TVS  TVS   TVS  50  TVS  TVS   TVS  50  TVS   TVS  50  TVS   TVS  50  TVS   TVS  TVS  TVS  TVS  TVS  TVS  TVS  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  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  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  TVS  TVS  TVS  TVS  TVS	TVS chronic 0.02 TVS TVS TVS 0.01 TVS 0.01(#) 150 TVS 1000 TVS

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

20. 00001 WIOS	quito Creek from the source to confide	nce with Mosquito Creek and No r	Vallie Cleek IIUli	n the source t	to the confluence with Sout	th Mosquito Creek.	
COSPUS02C	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	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	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
	$rac{1}{2} = 3ee 38.5(3)$ for details.		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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc		280
	es to the South Platte River, including a to f the South Platte River, except for s		ly below the con	fluence with 7	Tarryall Creek to a point im	mediately above the o	confluence with
COSPUS03	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 1					acute	chronic
		Temperature °C	CS-I		Aluminum	acute	chronic
	Recreation E	Temperature °C	CS-I acute	CS-I chronic			
				CS-I chronic	Arsenic		
Qualifiers:	Recreation E	D.O. (mg/L)	acute	CS-I	Arsenic Arsenic(T)	340	
	Recreation E	D.O. (mg/L) D.O. (spawning)	acute 	CS-I chronic 6.0	Arsenic Arsenic(T) <del>Beryllium</del>	 340 	 0.02 
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	acute 	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	 340  TVS	
<b>Other:</b> Temporary M	Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute  6.5 - 9.0	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS 5.0	 0.02  TVS 
<b>Other:</b> Temporary M Arsenic(chroni	Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH	acute   6.5 - 9.0 	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	 0.02  TVS  TVS
Other: Temporary Me Arsenic(chroni Expiration Dat	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	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)	 340  TVS 5.0  50	 0.02  TVS  TVS 
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m²)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	acute  6.5 - 9.0  (mg/L)	CS-I chronic 6.0 7.0  150* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(d	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic	acute  6.5 - 9.0  (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	 340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic	acute  6.5 - 9.0   (mg/L) 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	 340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron	acute  6.5 - 9.0  (mg/L) acute T\/S	CS-I chronic 6.0 7.0  150* 126 200 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	acute  6.5 - 9.0  (mg/L) (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) Lead	 340  TVS 5.0  50 TVS TVS   TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 (mg/L) acute TVS 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)	 340  TVS 5.0  50 TVS TVS   TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  (mg/L) acute T\\S  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	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  (mg/L) (mg/L) (mg/L) 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(T)	 340  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: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate	acute  6.5 - 9.0  (mg/L) (mg/L) (mg/L) 1VS  0.019 0.005 10 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS 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( <del>+)</del> 150
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(of facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> -	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1250 0.011  0.05 0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> 150 TVS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	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	acute  ( 6.5 - 9.0  (mg/L) acute (mg/L) 0.019 0.005 10 0.005 10 0.05 - 10	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1.250 0.011 0.011* 0.01* 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS 3 TVS 4 000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS 1000
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> -	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1250 0.011  0.05 0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 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( <del>+)</del> 150 TVS
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	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	acute  ( 6.5 - 9.0  (mg/L) acute (mg/L) 0.019 0.005 10 0.005 10 0.05 - 10	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1.250 0.011 0.011* 0.01* 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  1000 TVS 
Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities list *Phosphorus(o facilities listed *Uranium(acut	Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	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	acute  ( 6.5 - 9.0  (mg/L) acute (mg/L) 0.019 0.005 10 0.005 10 0.05 - 10	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1.250 0.011 0.011* 0.01* 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS   TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 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 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 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 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 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

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

COSPUS04	Classifications	Physical and	Biological		'''	Metals (ug/L)	
Designation	Water Supply		DM	MWAT		acute	chronic
Reviewable	Agriculture	Temperature °C	CS-I	CS-I	Aluminum	_	
	Aq Life Cold 1		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	Water Supply	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron	ic) = hybrid				Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
chlorophvll a	(mg/m ² )(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
he facilities lis	sted at $38.5(4)$ . chronic) = applies only above the	Ammonia	TVS	TVS	Iron		WS
acilities listed		Boron		0.75	lron(T)		1000
Uranium(acut	te) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>
					Zinc	TVS	TVS

5a. Mainstem	of Geneva Creek from the source to	the confluence with Scott Gomer	Creek.				
COSPUS05A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Recreation E		DM	MWAT		acute	chronic
Reviewable	Agriculture	Temperature °C	CS-I	CS-I	Aluminum		
	Aq Life Cold 1		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		6.0	Arsenic(T)		7.6
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	3.5-9.0		Cadmium		
		chlorophyll a (mg/m ² )		150	Cadmium(T)		2
	e) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		
<u>^Uranium(chro</u>	nic) = See 38.5(3) for details.				Chromium III(T)		100
		Inorgan	ic (mg/L)		Chromium VI		
			acute	chronic	Chromium VI(T)		25
		Ammonia	TVS	TVS	Copper		18
		Boron		0.75	lron(T)		1200
		Chloride			Lead		
		Chlorine	0.019	0.011	Lead(T)		4
		Cyanide	0.005		Manganese		530
		Nitrate	100		Mercury(T)		0.05
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus		0.11	Nickel		
		Sulfate			Nickel(T)		50
		Sulfide		0.002	Selenium		
					Selenium(T)		4.6
					Silver		
					Silver(T)		1
					Uranium	<u>varies*</u>	<u>varies*</u>
					Zinc		190

	source to confluence with the Nort	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	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
vrsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	$\frac{1}{100} = \frac{1}{100} $		acute	chronic	Copper	TVS	TVS
<u>Uranium(cnrc</u>	onic) = See 38.5(3) for details.	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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del>	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	varies*	varies*
					Zinc	TVS	TVS
5c. Mainstem	of Gooseberry Gulch and all tributa	aries from source to Sunset Trail.					
	Classifications	Physical and	-	N414/AT		Metals (ug/L)	ohronio
-	Agriculture Ag Life Cold 2	Tomporatura %C	DM	MWAT		acute	chronic
Reviewable	Recreation U	Temperature °C	CS-II	CS-II chronic	Aluminum		
	Water Supply	$DO(m\pi/l)$	acute		Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		0.02-10
		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Uranium(acut	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgan	ic (mg/L)		Chromium III		TVS
Uranium(chro	onic) = See 38.5(3) for details.				Chromium III(T)	50	
Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	o	7.0	
Uranium(chrc	onic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron	TVS 	TVS 0.75	Copper	TVS	TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride	TVS 	TVS 0.75 250	Copper Iron	TVS 	TVS WS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine	TVS  0.019	TVS 0.75 250 0.011	Copper Iron Iron(T)	TVS  	TVS WS 1000
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide	TVS  0.019 0.005	TVS 0.75 250 0.011	Copper Iron Iron(T) Lead	TVS   TVS	TVS WS 1000 TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate	TVS  0.019 0.005 10	TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T)	TVS   TVS 50	TVS WS 1000 TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS  0.019 0.005 10 <u>0.05</u>	TVS 0.75 250 0.011  0.05	Copper Iron Iron(T) Lead Lead(T) Manganese	TVS  TVS 50 TVS	TVS WS 1000 TVS 
<u>Jranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 <u>0.05</u> -	TVS 0.75 250 0.011  0.05	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS  TVS 50 TVS 	TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
<u>Jranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10 <u>0.05</u>	TVS 0.75 250 0.011  0.05  WS	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS  TVS 50 TVS 	TVS WS 1000 TVS  TVS/WS 0.01 <del>(!)</del> 150
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 <u>0.05</u> -	TVS 0.75 250 0.011  0.05	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS  TVS 50 TVS 	TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10 <u>0.05</u> - 	TVS 0.75 250 0.011  0.05  WS	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS  TVS 50 TVS  TVS 	TVS WS 1000 TVS  TVS/WS 0.01 <del>(†)</del> 150 TVS 100
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10 <u>0.05</u> - 	TVS 0.75 250 0.011  0.05  WS	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS  TVS 50 TVS  TVS  TVS	TVS WS 1000 TVS  TVS/WS 0.01 <del>(†)</del> 150 TVS 100 TVS
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10 <u>0.05</u> - 	TVS 0.75 250 0.011  0.05  WS	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS  TVS 50 TVS  TVS 	TVS WS 1000 TVS  TVS/WS 0.01 <del>(†)</del> 150 TVS 100
<u>Uranium(chrc</u>	onic) = See 38.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10 <u>0.05</u> - 	TVS 0.75 250 0.011  0.05  WS	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS  TVS 50 TVS  TVS  TVS	TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS 100 TVS

5d. Mainstem							
COSPUS05D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	-	-
	Recreation U		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		D.O. (spawning)		7.0	Beryllium	-	
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
	$\frac{1}{100} = \frac{1}{100} $	E. Coli (per 100 mL)		126	Chromium III		TVS
<u>^Uranium(cnrc</u>	onic) = See 38.5(3) for details.				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					L Inc. a la una	veriee*	varies*
					Uranium	<u>varies*</u>	valles
					Zinc	TVS	TVS
		outlet of Cheesman Reservoir to the	inlet of Chatfield R	eservoir.		TVS	
COSPUS06A	of the South Platte River from the Classifications	outlet of Cheesman Reservoir to the Physical and		eservoir.			
COSPUS06A Designation	Classifications Agriculture		Biological DM	MWAT	Zinc	TVS	
COSPUS06A	Classifications Agriculture Aq Life Cold 1		Biological			TVS Metals (ug/L)	TVS
COSPUS06A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT	Zinc	TVS Metals (ug/L)	TVS
COSPUS06A Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II chronic 6.0	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute	TVS chronic
COSPUS06A Designation	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	Zinc Aluminum Arsenic	TVS Metals (ug/L) acute 340	TVS chronic 
COSPUS06A 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	MWAT CS-II chronic 6.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340 	TVS chronic  0.02
COSPUS06A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340 	TVS chronic  0.02 
COSPUS06A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and     Temperature °C     D.O. (mg/L)     D.O. (spawning)     pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS  Metals (ug/L)	TVS chronic  0.02  TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS           Metals (ug/L)           acute           340              TVS           5.0	TVS chronic  0.02  TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS           Metals (ug/L)           acute              340              TVS           5.0	TVS chronic  0.02  TVS  TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS           Metals (ug/L)           acute           340              340              5.0              50	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0   cr-	MWAT CS-II chronic 6.0 7.0   126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS       Metals (ug/L)       acute       340          340          50       50       TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute  6.5 - 9.0  itc (mg/L) acute	MWAT CS-II chronic 6.0 7.0  126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS       Metals (ug/L)       acute       340          340          50       50       TVS       TVS       TVS       TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  126  126  tVS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS           Metals (ug/L)           acute           acute           340              340              50           TVS           50           TVS           TVS           TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron	Biological DM CS-II acute  6.5 - 9.0  (c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS         Metals (ug/L)         acute         340            340            50         TVS         50         TVS         S0         TVS            S0         TVS            S0         TVS            S0         TVS	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  cr- ic (mg/L) acute T∨S  	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Zinc Zinc 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       Metals (ug/L)       acute       acute <td>TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS</td>	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ()  bic (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS       Metals (ug/L)       acute       acute       340          340          340          340          340          340          340          340          50       TVS             TVS                                                                                                                  <	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  () () cr cr cr cr cr cr cr cr cr cr	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011 	Zinc Zinc	TVS         Metals (ug/L)         acute         340            340            340            5.0         TVS         5.0         TVS         TVS         TVS         50         TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate	Biological DM CS-II acute  6.5 - 9.0  () CS CS CS CS CS CS CS CS CS CS	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS         Metals (ug/L)         acute         acute         340            340            340            340            340            340            340            50         TVS </td <td>TVS  Chronic  Chronic  Chronic  Chronic  Chronic  TVS  TVS  TVS  VS  TVS  WS  1000  TVS  TVS  TVS  SUS  0.01(#)</td>	TVS  Chronic  Chronic  Chronic  Chronic  Chronic  TVS  TVS  TVS  VS  TVS  WS  1000  TVS  TVS  TVS  SUS  0.01(#)
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorite         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute   6.5 - 9.0   (.5 - 9.0)  (.5 - 9.0) 	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05	Zinc Zinc	TVS       Metals (ug/L)       acute       acute <td>TVS chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150</td>	TVS chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ()  () bic (mg/L) acute TVS  0.019 0.005 10  10  10  10  10  10  	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05 	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS         Metals (ug/L)         acute         acute <td>TVS  Chronic  Chronic  0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS 1000 TVS TVS TVS 150 TVS</td>	TVS  Chronic  Chronic  0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS 1000 TVS TVS TVS 150 TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  ( () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () ()	MWAT CS-II chronic 6.0 7.0  126 0.0 Chronic Chronic Chronic 0.05 250 0.011  0.011  0.011  WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS         Metals (ug/L)         acute         340            340            340            340            50         50         TVS	TVS  Chronic  Chronic        TVS   TVS   TVS   TVS   TVS   TVS   TVS   TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  ( () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () ()	MWAT CS-II chronic 6.0 7.0  126 0.0 Chronic Chronic Chronic 0.05 250 0.011  0.011  0.011  WS	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	TVS         Metals (ug/L)         acute         340            340            340            340            340            340            340            50         TVS         0         TVS         50         TVS	TVS  Chronic  Chronic     TVS   TVS   TVS  VS  1000  TVS   TVS/WS  0.01(#)  150  TVS  100  TVS  100

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

6b. Chatfield F	Reservoir							
COSPUS06B	Classifications	Phys	sical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLLvaries*	CLLvaries*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	<del>23.5</del>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
		D.O. (spawning)			7.0	Cadmium(T)	5.0	
	(ug/L)(chronic) = measured through are representative of the mixed layer	рН		6.5 - 9.0		Chromium III		TVS
during July-Se	pt, with an allowable exceedance	chlorophyll a (ug/L)	7/1 - 9/3	)	10*	Chromium III(T)	50	
assessment th	in 5 yrs. See section 38.6(4) for resholds.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
*Phosphorus(or assessment the second	chronic) = See section 38.6(4) for					Copper	TVS	TVS
	e) = See 38.5(3) for details.		Inorganic (m	ng/L)		Iron		WS
	nic) = See 38.5(3) for details.			acute	chronic	lron(T)		1000
*Temperature		Ammonia		TVS	TVS	Lead	TVS	TVS
	MWAT=CLL from 1/1-3/31 MWAT=23.5 from 4/1-12/31	Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury(T)		0.01 <del>(t)</del>
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Nickel(T)		100
		Phosphorus			0.03*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	-varies*	varies*
						Zinc	TVS	TVS
6c. Deleted.								
COSPUS06C	<b>Classifications</b>	Phys	ical and Biol	ogical			Metals (ug/L)	
Designation	1			DM	MWAT		acute	chronic
Qualifiers:				acute	chronic			
Other:						1		

Inorganic (mg/L)

acute

chronic

COSPUS07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
<u>Uranium(acu</u>	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
Uranium(chro	onic) = See 38.5(3) for details.				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 <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	veriee*	varies*
					Oranium	varies*	Valles
					Zinc	TVS	TVS
	of East and West Plum Creek from orest Lands, except for the specific	n the source to the boundary of Natio	onal Forest lands, ir	ncluding all tr	Zinc	TVS	TVS
				ncluding all tr	Zinc ibutaries and wetlands with	TVS	TVS
on National Fo	orest Lands, except for the specific	-listing in Segment 9.		ncluding all tr	Zinc ibutaries and wetlands with	TVS	TVS
on National Fo	orest Lands, except for the <del>specific</del> Classifications	-listing in Segment 9.	Biological		Zinc ibutaries and wetlands with	TVS nin the Plum Creek dr Metals (ug/L)	TVS ainage which
on National Fo COSPUS08 Designation	orest Lands, except for the <del>specific</del> Classifications Agriculture	-listing in Segment 9. Physical and	Biological DM	MWAT	Zinc ibutaries and wetlands with	TVS nin the Plum Creek dr Metals (ug/L)	TVS ainage which
n National Fe COSPUS08 Designation Reviewable	orest Lands, except for the <del>specific</del> Classifications Agriculture Aq Life Cold 1	-listing in Segment 9. Physical and	Biological DM CS-I	MWAT CS-I	Zinc ibutaries and wetlands with Aluminum	TVS nin the Plum Creek dr Metals (ug/L) acute	TVS ainage which chronic
on National Fe COSPUS08 Designation Reviewable	orest Lands, except for the specific Classifications Agriculture Aq Life Cold 1 Recreation E	-listing in Segment 9. Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc ibutaries and wetlands with Aluminum Arsenic	TVS nin the Plum Creek dr Metals (ug/L) acute 340	TVS ainage which chronic
n National Fe COSPUS08 Designation Reviewable Qualifiers:	orest Lands, except for the specific Classifications Agriculture Aq Life Cold 1 Recreation E	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T)	TVS nin the Plum Creek dr Metals (ug/L) acute  340 	TVS ainage which chronic
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other:	orest Lands, except for the specific Classifications Agriculture Aq Life Cold 1 Recreation E	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute 	MWAT CS-I chronic 6.0	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium	TVS nin the Plum Creek dr Metals (ug/L) acute 340 	TVS ainage which chronic  0.02
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other:	Classifications Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS	TVS ainage which chronic  0.02 TVS
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronometry)	Classifications Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0  150	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0	TVS ainage which chronic  0.02  TVS 
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data	Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0  150	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0 	TVS ainage which chronic  0.02  TVS  TVS
In National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50	TVS ainage which chronic  0.02  TVS  TVS 
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Ausenic(chron Expiration Data Uranium(acu	Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L)	MWAT CS-I chronic 6.0 7.0  150 126	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS ainage which chronic  0.02 TVS  TVS  TVS
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Ausenic(chron Expiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 20 20 20 20 20 20 20 20 20 20 20 20 20	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	TVS ainage which chronic  0.02  TVS  TVS  TVS 
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Ausenic(chron Expiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS	TVS ainage which chronic 0.02 TVS  TVS TVS TVS TVS TVS S
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Ausenic(chron Expiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. 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-1 acute  6.5 - 9.0  ic (mg/L) TVS 	MWAT           CS-I           chronic           6.0           7.0              150           126           chronic           TVS           0.75	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS	TVS ainage which chronic  0.02  TVS  TVS TVS TVS WS 1000
n National Fe COSPUS08 Designation Reviewable Rualifiers: Other: Temporary M Ausenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS TVS TVS	TVS ainage which chronic  0.02  TVS  TVS TVS TVS WS 1000
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Ausenic(chron Expiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I CS-I acute CS-	MWAT           CS-I           chronic           6.0           7.0           126           0.126           chronic           126           0.75           250           0.011	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS nin the Plum Creek dr Metals (ug/L) acute 340  340  50 TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50	TVS ainage which chronic  0.02  TVS  TVS TVS TVS S TVS S S VS 1000 TVS 
n National Fe COSPUS08 Designation Reviewable Rualifiers: Other: Temporary M Ausenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °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-1 CS-1 CCS-1 CCS-1 CCCCCCCCCCCCCCCCC	MWAT CS-I Chronic 6.0 7.0  150 126 126 126 126 0.0 126 0.0 126 0.0 126 0.0 126 0.0 11 0.0 11	Zinc ibutaries and wetlands with Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	TVS ainage which chronic  0.02  TVS  TVS  TVS  STVS  TVS  TVS 
n National Fe COSPUS08 resignation reviewable tualifiers: ther: emporary M rsenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. 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 Nitrate	Biological DM CS-1 acute    6.5 - 9.0   (construction)  (construction)   (construction)   (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)  (construction)          	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.75           250           0.011	Zinc ibutaries and wetlands with Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS         nin the Plum Creek dr         Acute         acute         340            340            50         TVS         50         TVS         S0         TVS         50         TV	TVS ainage which chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150
n National Fe COSPUS08 Designation Reviewable Rualifiers: Other: Temporary M Ausenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute   6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10 10	MWAT CS-I Chronic 6.0 7.0  150 126 126 126 0.01 VS 0.75 250 0.011  250 0.011	Zinc ibutaries and wetlands with 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(T) Molybdenum(T)	TVS         nin the Plum Creek dr         Acute         acute         340            340            TVS         5.0            TVS         50	TVS ainage which chronic 0.02 TVS TVS TVS SVS 1000 TVS WS 1000 TVS SVS SVS SVS SVS SVS
n National Fe COSPUS08 Designation Reviewable Rualifiers: Other: Temporary M Ausenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I CS-I acute CS-I CS-I CS-I CS-I CS-I CS-I CS-I CS-I	MWAT           CS-I           chronic           6.0           7.0           126           0.126           chronic           0.75           250           0.011              0.05           0.11	Zinc ibutaries and wetlands with 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(T) Nickel	TVS         nin the Plum Creek dr         Acute         acute         340            340            50         TVS         50         TVS         50         TVS         50         TVS         TVS	TVS ainage which chronic  0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS/WS 0.01(#) 150 TVS
n National Fe COSPUS08 resignation reviewable tualifiers: ther: emporary M rsenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute     (  (  (   (   (  (  (  (  (  (  (  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	MWAT           CS-I           chronic           6.0           7.0           150           126           0.11           0.011           WS	Zinc ibutaries and wetlands with Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS nin the Plum Creek dr Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS ainage which chronic 0.02 TVS TVS TVS TVS U00 TVS 0.01( <del>t)</del> 150 TVS 100
n National Fe COSPUS08 Designation Reviewable Rualifiers: Other: Temporary M Ausenic(chron xpiration Data Uranium(acu	Orest Lands, except for the specific         Classifications         Agriculture         Aq Life Cold 1         Recreation E         Water Supply         Modification(s):         nic) = hybrid         te of 12/31/2024         tte) = See 38.5(3) for details.	-listing in Segment 9. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute     (  (  (   (    (   (                                                                                                                                                                                                	MWAT           CS-I           chronic           6.0           7.0           150           126           0.11           0.011           WS	Zinc ibutaries and wetlands with Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS         nin the Plum Creek dr         Acute         acute         340            340            50         TVS            TVS            TVS            TVS            TVS            TVS            TVS            TVS                     TVS            TVS	TVS ainage which chronic 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS/WS 0.01( <del>+)</del> 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 38.6 for further details on applied standards.

9. Mainstem o	Dear ereek, meldaling an inbatarioe		le iniet of i enty i a			in (Beaglae eeant))	
COSPUS09	Classifications	Physical and	Biological		Ν	/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:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Uranium(chro	onic) = See 38.5(3) for details.				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	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	varies*	varies*
					oraniani	Varies	vanco
10o10 Mainat	rome of East Dlum Crook, West Dlum	Crock and Dlum Crock from the b	oundary of Nations	l Foroat long	Zinc	TVS	TVS
Creek from the	ems of East Plum Creek, West Plum e boundary of National Forest lands to COSPUS10 Classifications			I Forest land	Is to Chatfield Reservoir, m		
Creek from the	e boundary of National Forest lands to	their confluence.		Il Forest land	Is to Chatfield Reservoir, m	ainstems of Stark Cr	
Creek from the	e boundary of National Forest lands to <u>COSPUS10</u> Classifications	their confluence.	Biological		Is to Chatfield Reservoir, m	ainstems of Stark Cr <b>/letals (ug/L)</b>	eek and Gove
Creek from the COSPUS10A Designation	e boundary of National Forest lands to COSPUS10 Classifications Agriculture	their confluence. Physical and	Biological DM	MWAT	Is to Chatfield Reservoir, m	ainstems of Stark Cr <b>/letals (ug/L)</b>	eek and Gove
Creek from the COSPUS10A Designation	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1	their confluence. Physical and	Biological DM WS-I	MWAT WS-I	Is to Chatfield Reservoir, m	ainstems of Stark Cr Aetals (ug/L) acute	eek and Gove chronic
Creek from the COSPUS10A Designation	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E	their confluence. Physical and Temperature °C	Biological DM WS-I acute	MWAT WS-I chronic	Is to Chatfield Reservoir, m Aluminum Arsenic	ainstems of Stark Cr Ietals (ug/L) acute 340	chronic
Creek from the COSPUS10A Designation Reviewable	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E	their confluence. Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I acute	MWAT WS-I chronic 5.0	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T)	ainstems of Stark Cr Ietals (ug/L) acute 340	chronic
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other:	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	their confluence.  Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-1 acute  6.5 - 9.0	MWAT WS-I chronic 5.0	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium	ainstems of Stark Cr Metals (ug/L) acute  340 	chronic  0.02
Creek from the COSPUSIOA Designation Reviewable Qualifiers: Other: Temporary M	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	their confluence.  Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute  6.5 - 9.0	MWAT WS-I chronic 5.0  150*	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium	ainstems of Stark Cr Aetals (ug/L) acute 340  TVS	chronic  0.02 TVS
Creek from the COSPUSIOA Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	their confluence.  Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute  6.5 - 9.0 	MWAT WS-I chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	ainstems of Stark Cr Aetals (ug/L) acute 340  TVS	chronic  0.02  TVS 
Creek from the COSPUSIOA Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	their confluence.  Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgan	Biological DM WS-1 acute  6.5 - 9.0  ic (mg/L) acute	MWAT WS-I chronic 5.0  150* 126 chronic	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	ainstems of Stark Cr Aetals (ug/L) acute 340  TVS 5.0 	chronic  0.02 TVS  TVS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition*	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 WAT) = current 12/1 - 2/	their confluence.  Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgan  29  Ammonia	Biological DM WS-1 acute 6.5 - 9.0   ic (mg/L)	MWAT WS-I chronic 5.0  150* 126 chronic TVS	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	ainstems of Stark Cr Aetals (ug/L) acute 340  TVS 5.0  50	chronic  0.02  TVS  TVS 
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition*	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	their confluence.  Physical and  Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgan  Ammonia Boron	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT           WS-I           chronic           5.0           150*           126           Chronic           TVS           0.75	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS	chronic   0.02  TVS  TVS  TVS  TVS
Creek from the COSPUSIDA Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration patl *chlorophyll a	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 tWAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above	their confluence.  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-1 acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT WS-I chronic 5.0  150* 126 250	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	ainstems of Stark Cr Aetals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	chronic chronic  0.02  TVS  TVS  TVS TVS TVS XS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(i	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above sted at 38.5(4).	their confluence.  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-1 acute  6.5 - 9.0  ic (mg/L) acute TVS  acute 0.019	MWAT WS-I chronic 5.0  150* 126 Chronic TVS 0.75 250 0.011	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	ainstems of Stark Cr //etals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 	chronic  0.02  TVS  TVS  TVS TVS TVS S VS WS 1000
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(A condition* Expiration Dat *chlorophyll a the facilities listed	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.005	MWAT WS-I chronic 5.0 150* 126 chronic TVS 0.75 250 0.011 	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS	chronic chronic  0.02  TVS  TVS  TVS TVS TVS XS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	their confluence.	Biological DM WS-I acute  6.5 - 9.0  () () bcom com com com com com com com	MWAT           WS-I           chronic           5.0           150*           126           Chronic           TVS           0.75           250           0.011	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS   TVS 50 TVS 50	eek and Gove chronic  0.02  TVS  TVS  TVS VS VS VS WS 1000 TVS 
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *Uranium(chro	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	their confluence.	Biological DM WS-1 acute  6.5 - 9.0  ic (mg/L) ic (mg/L) x ic (mg/L) 0.019 0.005 10  10  10  10  10                                                                                                                                                                	MWAT WS-I chronic 5.0  150* 126 Chronic TVS 0.75 250 0.011  0.011 	Is to Chatfield Reservoir, m Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	ainstems of Stark Cr Aetals (ug/L) acute 340  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	eek and Gove chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(( facilities listed *Uranium(acu *TempMod: te	e boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2020 (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = See 38.5(3) for details.	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.005 10  10  10 	MWAT WS-I chronic 5.0  150* 126 Chronic TVS 0.75 250 0.011  0.011*	Is to Chatfield Reservoir, m 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(T)	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS  50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 	eek and Gove chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS WS 1000 TVS  TVS WS 0.01( <del>+</del> )
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(( facilities listed *Uranium(acu *TempMod: te	a boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. pnic) = See 38.5(3) for details. mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.019 0.019 0.019 10  10  10  10  10  10  	MWAT WS-I chronic 5.0 150* 126 Chronic Chronic 0.75 250 0.011 0.011 0.011 0.011 0.017* WS	Is to Chatfield Reservoir, m 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(T) Molybdenum(T)	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  	eek and Gove chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+</del> ) 150
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(( facilities listed *Uranium(acu *TempMod: te	a boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. pnic) = See 38.5(3) for details. mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.005 10  10  10 	MWAT WS-I chronic 5.0  150* 126 Chronic TVS 0.75 250 0.011  0.011*	Is to Chatfield Reservoir, m 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(T) Molybdenum(T) Nickel	ainstems of Stark Cr Aetals (ug/L) acute 340  340  TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	eek and Gove chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01 <del>(1)</del> 150 TVS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus( facilities listed *Uranium(chroc *TempMod: te	a boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. pnic) = See 38.5(3) for details. mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.019 0.019 0.019 10  10  10  10  10  10  	MWAT WS-I chronic 5.0 150* 126 Chronic Chronic 0.75 250 0.011 0.011 0.011 0.011 0.017* WS	Is to Chatfield Reservoir, m 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(T) Molybdenum(T) Nickel Nickel(T)	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS   TVS 50 TVS   TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 	eek and Gove chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del> 150 TVS 1000
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus( facilities listed *Uranium(chroc *TempMod: te	a boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. pnic) = See 38.5(3) for details. mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.019 0.019 0.019 10  10  10  10  10  10  	MWAT WS-I chronic 5.0 150* 126 Chronic Chronic 0.75 250 0.011 0.011 0.011 0.011 0.017* WS	Is to Chatfield Reservoir, m 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS	eek and Gove chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVSWS 0.01( <del>+</del> ) 150 TVS 100 TVS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(( facilities listed *Uranium(acu *TempMod: te	a boundary of National Forest lands to COSPUS10 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 4WAT) = current e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. pnic) = See 38.5(3) for details. mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.019 0.019 0.019 10  10  10  10  10  10  	MWAT WS-I chronic 5.0 150* 126 Chronic Chronic 0.75 250 0.011 0.011 0.011 0.011 0.017* WS	Is to Chatfield Reservoir, m 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(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	ainstems of Stark Cr Aetals (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 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS	eek and Gove chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+</del> ) 150 TVS 100 TVS 100 TVS 0.01( <del>+</del> ) 150 TVS
Creek from the COSPUS10A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat temperature(N condition* Expiration Dat *chlorophyll a the facilities lis *Phosphorus(( facilities listed *Uranium(acu *TempMod: te	a boundary of National Forest lands to         COSPUS10       Classifications         Agriculture         Aq Life Warm 1         Recreation E         Water Supply         odification(s):         ic) = hybrid         e of 12/31/2024         (MWAT) = current         12/1-20         (mg/m²)(chronic) = applies only above the at 38.5(4).         sted at 38.5(4).         et als.5(4).         ynic) = See 38.5(3) for details.         pnic) = See 38.5(3) for details.         mperature(12/1 - 2/29) = East Plum	their confluence.	Biological DM WS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  ic (ng/L) 0.019 0.019 0.019 0.019 10  10  10  10  10  10  	MWAT WS-I chronic 5.0 150* 126 Chronic Chronic 0.75 250 0.011 0.011 0.011 0.011 0.017* WS	Is to Chatfield Reservoir, m 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	ainstems of Stark Cr Aetals (ug/L) acute  340  TVS 5.0  50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS	eek and Gove chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVSWS 0.01( <del>+</del> ) 150 TVS 100 TVS

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

10b. Deleted.		_					
COSPUS10B	Classifications	Physical and I	Biological			Metals (ug/L)	
<b>Designation</b>			ÐM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:					-		
		Inorgani	<del>c (mg/L)</del>				
			acute	chronic			
	ries to the East Plum Creek system,	, , , , , , , , , , , , , , , , , , ,		t lands.	1		
	Classifications	Physical and	-			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
	Aq Life Warm <u>21</u>	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <del>-10</del> ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
Temporary Mc	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chronic	c) = hybrid	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	e) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	nic) = See $38.5(3)$ for details.	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	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

11b. All tributa	ries to the West Plum Creek system, i	fielddirig air wetiarids, writeri are i			ept for opcome neurige in a	Segments 9 and 12.	
COSPUS11B	Classifications	Physical and	Biological			Metals (ug/L)	
_	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum	-	
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02-10</u> A</del>
Qualifiers:		рН	6.5 - 9.0		Beryllium	-	
Other:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
chlorophyll a	(mg/m ² )(chronic) = applies only above	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
	sted at $38.5(4)$ . chronic) = applies only above the	Inorgani	c (mg/L)		Chromium III	TVS	TVS
acilities listed			acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
Uranium(acut	te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<u>Jranium(chro</u>	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> -	Iron	<u></u>	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<del>10010</del>		Lead(T)	<u>50</u>	
					Manganese	TVS	TVS <mark>/WS</mark>
		Nitrite	<u>0.5</u> -	<del>0.5</del> -	-		
		Phosphorus		0.17*	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	<u></u>	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
						1 A	veries*
					Uranium	varies*	<u>varies*</u>
					Uranium Zinc	<u>varies*</u> TVS	TVS
	of Garber Creek and Jackson Creek fr servoir, a.k.a. Waucondah Reservoir,			fluence with	Zinc	TVS	TVS
Perry Park Re			Creek.	fluence with	Zinc	TVS	TVS
Perry Park Res COSPUS12	servoir, a.k.a. Waucondah Reservoir,	to the confluence with West Plum	Creek.	fluence with	Zinc	TVS tem of Bear Creek from	TVS
Perry Park Res	servoir, a.k.a. Waucondah Reservoir, Classifications	to the confluence with West Plum	Creek. Biological		Zinc	TVS tem of Bear Creek from Metals (ug/L)	TVS
erry Park Res OSPUS12 esignation	servoir, a.k.a. Waucondah Reservoir, Classifications Agriculture	to the confluence with West Plum Physical and I	Creek. Biological DM	MWAT	Zinc West Plum Creek; mains	TVS tem of Bear Creek from Metals (ug/L)	TVS
erry Park Res OSPUS12 esignation	servoir, a.k.a. Waucondah Reservoir, † Classifications Agriculture Aq Life Warm 1	to the confluence with West Plum Physical and I	Creek. Biological DM WS-I	MWAT WS-I	Zinc West Plum Creek; mains Aluminum	TVS tem of Bear Creek from Metals (ug/L) acute	TVS n the outlet of chronic
Perry Park Re COSPUS12 Designation Reviewable	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E	to the confluence with West Plum Physical and I Temperature °C	Creek. Biological DM WS-I acute	MWAT WS-I chronic	Zinc West Plum Creek; mains Aluminum Arsenic	TVS tem of Bear Creek from Metals (ug/L) acute 340	TVS TVS chronic
Perry Park Res COSPUS12 Designation	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH	Creek. Biological DM WS-I acute 	MWAT WS-I chronic 5.0	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T)	TVS tem of Bear Creek from Metals (ug/L) acute 340 	TVS n the outlet of chronic  0.02
Perry Park Re: COSPUS12 Designation Reviewable Rualifiers: Dther:	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L)	Creek. Biological DM WS-1 acute  6.5 - 9.0	MWAT WS-I chronic 5.0	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium	TVS tem of Bear Creek from Metals (ug/L) acute 340 	TVS m the outlet of chronic  0.02
Perry Park Re: COSPUS12 Designation Reviewable Qualifiers: Other: Femporary Mo	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Creek. Biological DM WS-I acute  6.5 - 9.0  	MWAT WS-I chronic 5.0  150	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS tem of Bear Creek from Metals (ug/L) acute 	TVS n the outlet of chronic 0.02 TVS 
erry Park Re: OSPUS12 esignation eviewable tualifiers: ther: emporary Marsenic(chroni	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Creek. Biological DM WS-1 acute  6.5 - 9.0  c (mg/L)	MWAT WS-I chronic 5.0  150 126	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS tem of Bear Creek from Metals (ug/L) acute 340  TVS 5.0 	TVS n the outlet of chronic  0.02  TVS  TVS
erry Park Re: OSPUS12 esignation eviewable tualifiers: ther: emporary Marsenic(chroni	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Creek. Biological DM WS-1 acute 6.5 - 9.0  c (mg/L) acute	MWAT WS-I chronic 5.0  150 126 chronic	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS tem of Bear Creek from Metals (ug/L) acute  340  TVS 5.0  50	TVS n the outlet of chronic  0.02  TVS  TVS 
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Marsenic(chroni xpiration Date	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Creek. Biological WS-I acute 6.5 - 9.0  c (mg/L) acute TVS	MWAT WS-I chronic 5.0  150 126 Chronic TVS	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	TVS tem of Bear Creek from Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS n the outlet of chronic  0.02  TVS  TVS  TVS
erry Park Re: OSPUS12 esignation eviewable tualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i <b>Classifications</b> Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Creek.  Biological  DM  WS-1  acute  6.5 - 9.0   c (mg/L)  TVS	MWAT WS-I chronic 5.0  150 126 20 chronic TVS 0.75	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS tem of Bear Creek from Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS	TVS n the outlet of chronic 0.02 TVS  TVS  TVS  TVS
erry Park Re: OSPUS12 esignation eviewable tualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Creek.  Biological  DM  WS-1  acute  6.5 - 9.0   c (mg/L)  C mg/L	MWAT WS-I chronic 5.0  150 126  chronic TVS 0.75 250	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	TVS tem of Bear Creek from Metals (ug/L) acute 340  340  50 TVS 50 TVS TVS TVS	TVS TVS Chronic Chronic U
erry Park Re: OSPUS12 esignation eviewable tualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Creek.  Biological  DM  WS-1  acute  6.5 - 9.0   c (mg/L)  Cute  Cute Cute	MWAT WS-I chronic 5.0  150 126 126 Chronic TVS 0.75 250 0.011	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS tem of Bear Creek from Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	TVS n the outlet of chronic 0.02 TVS TVS TVS TVS SVS US 1000
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Creek.  Biological  WS-I  acute  6.5 - 9.0   c (mg/L)  C (mg/L)  0.019  0.005	MWAT WS-I chronic 5.0 150 126 chronic TVS 0.75 250 0.011 	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS tem of Bear Creek from Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS TVS	TVS n the outlet of chronic  0.02 TVS  TVS  TVS VS TVS WS 1000 TVS
erry Park Re: COSPUS12 lesignation reviewable tualifiers: ther: emporary Market rsenic(chroni xpiration Date Uranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Creek. Biological DM WS-I acute 6.5 - 9.0  C (mg/L) C (mg/L) 0.019 0.005 10	MWAT WS-I chronic 5.0 120 120 0.01 TVS 0.75 250 0.011  	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium (T) Chromium (T) Chromium (T) Chromium (T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	TVS tem of Bear Creek from Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS	TVS m the outlet of chronic chronic 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.0
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Creek.  Biological  WS-I  acute  6.5 - 9.0   c (mg/L)  C (mg/L)  0.019  0.005	MWAT WS-J chronic 5.0 150 126 0.126 Chronic TVS 0.75 250 0.011  0.011 	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS tem of Bear Creek from Metals (ug/L) acute 340  340  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS	TVS m the outlet of chronic chronic
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Creek. Biological DM WS-I acute 6.5 - 9.0  C (mg/L) C (mg/L) 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 0.126 VS 0.75 250 0.011   0.011	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS tem of Bear Creek from Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS	TVS m the outlet of chronic chronic
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Creek. Biological DM WS-1 acute 6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10	MWAT WS-J chronic 5.0 150 126 0.126 Chronic TVS 0.75 250 0.011  0.011 	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS tem of Bear Creek from Metals (ug/L) acute 340  340  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS	TVS m the outlet of chronic  0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS                                                                                                                       
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Creek.  Biological  DM  WS-1  acute   6.5 - 9.0   c (mg/L)  C (mg/L)  0.005  10   10    0.019  0.005  10        -	MWAT WS-I chronic 5.0 150 126 0.126 VS 0.75 250 0.011   0.011	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS           tem of Bear Creek from           Metals (ug/L)           acute              340              340              50           TVS	TVS m the outlet of chronic Chronic Chronic Chronic TVS Chronic Chronic TVS Chronic Chro
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Creek.  Biological  DM  WS-I  acute   6.5 - 9.0   C (mg/L)  C (mg/L)  0.019  0.005  10   10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS tem of Bear Creek from Metals (ug/L) acute 340 340 TVS 5.0 50 TVS 50 TV 50	TVS n the outlet of chronic  0.02  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Creek.  Biological  DM  WS-I  acute   6.5 - 9.0   C (mg/L)  C (mg/L)  0.019  0.005  10   10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	TVS           tem of Bear Creek from           Metals (ug/L)           acute           340              340              50           TVS	TVS m the outlet of chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS   TVS             
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Creek.  Biological  DM  WS-I  acute   6.5 - 9.0   C (mg/L)  C (mg/L)  0.019  0.005  10   10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS tem of Bear Creek from Metals (ug/L) acute aute aute aute aute aute aute aute a	TVS m the outlet of chronic chronic
erry Park Re: OSPUS12 esignation eviewable ualifiers: ther: emporary Ma rsenic(chroni xpiration Date Jranium(acut	servoir, a.k.a. Waucondah Reservoir, i Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	to the confluence with West Plum Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Creek.  Biological  DM  WS-I  acute   6.5 - 9.0   C (mg/L)  C (mg/L)  0.019  0.005  10   10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.17 WS	Zinc West Plum Creek; mains Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS tem of Bear Creek from Metals (ug/L) acute a	TVS m the outlet of chronic chronic

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

I

D.O. = dissolved oxygen

Tor mainstern	of Deer Creek, including the North an	d South Forks, from the source to Ch	allielu Reselvoi	r			
COSPUS13	Classifications	Physical and Bio	logical		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:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2024				Chromium III(T)	50	
*Uropium/cout	ta) - Saa 29 E/2) far dataila	Inorganic (r	ng/L)		Chromium VI	TVS	TVS
	te) = See 38.5(3) for details. onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
	f(ic) = 3ee 30.3(3) f(i) details.	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>
					Zinc	TVS	TVS
14 Mainston							
14. Mainstern o	of the South Platte River from the out	let of Chatfield Reservoir to the Burlin	igton Ditch dive	rsion in Denv	er, Colorado.		
COSPUS14	Classifications	Physical and Bio	logical			Metals (ug/L)	
COSPUS14 Designation	Classifications Agriculture	Physical and Bio	logical DM	MWAT		Metals (ug/L) acute	chronic
COSPUS14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1		logical DM WS-I*	<b>MWAT</b> WS-I*	Aluminum	acute	chronic
COSPUS14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio	logical DM WS-I* acute	MWAT WS-I* chronic			chronic 
COSPUS14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and Bio Temperature °C D.O. (mg/L)	logical DM WS-I* acute 	<b>MWAT</b> WS-I*	Aluminum Arsenic Arsenic(T)	acute 	-
COSPUS14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH	logical DM WS-I* acute  6.5 - 9.0	MWAT WS-I* chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
COSPUS14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	logical DM WS-I* acute  6.5 - 9.0 	MWAT WS-I* chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	 0.02  TVS
COSPUS14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	logical DM WS-I* acute  6.5 - 9.0 	MWAT WS-I* chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02  TVS 
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	logical DM WS-1* acute  6.5 - 9.0  mg/L)	MWAT WS-I* chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0 	 0.02  TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (r	logical DM WS-I* acute  6.5 - 9.0  ng/L) acute	MWAT WS-I* chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Copper(acute	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (r Ammonia	logical DM WS-I* acute  6.5 - 9.0  ng/L) acute TVS	MWAT WS-I* chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS 	MWAT WS-I* chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute 340  TVS 5.0  50 TVS 	 0.02 TVS  TVS  TVS TVS*
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. hic) = Copper BLM-based FMB	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  TVS 	MWAT WS-I* chronic 5.0  126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper	acute 	 0.02  TVS  TVS TVS TVS* 
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of Copper(chron Cu FMB(ch)=2	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. hic) = Copper BLM-based FMB	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine	logical DM WS-I* acute  6.5 - 9.0  ng/L) acute TVS  TVS  0.019	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron	acute  340  TVS 5.0  50 TVS  TVS*	 0.02  TVS  TVS TVS TVS*  WS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. hic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005	MWAT WS-I* chronic 5.0  126 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T)	acute  340  TVS 5.0  50 TVS  TVS* 	 0.02 TVS  TVS TVS TVS*  WS 1000
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	MWAT WS-I* chronic 5.0  126 chronic TVS 0.75 250 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Copper Iron Iron(T) Lead	acute  340  TVS 5.0  50 TVS  TVS*  TVS*	 0.02  TVS  TVS TVS*  WS 1000 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. hic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  0.015	MWAT WS-I* chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T)	acute 	 0.02  TVS  TVS TVS*  WS 1000 TVS 
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 0.5 [−] 	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese	acute acute 340  TVS 5.0  50 TVS  TVS*  TVS* 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340  TVS 5.0  50 TVS  TVS*  TVS* 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS* * WS 1000 TVS 1000 TVS 1000 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 0.5 [−] 	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS  TVS*  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS* WS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute acute 340  TVS 5.0  50 TVS  TVS*  TVS 50 TVS  TVS 50 TVS  TVS  TVS 50 TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS  TVS/190 0.01( <del>+)</del> 150 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute	 0.02  TVS  TVS TVS*  WS 1000 TVS  TVS/190 0.01( <del>t)</del> 150 TVS 100
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  340  TVS 5.0  50 TVS  TVS*  TVS*  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS  TVS   TVS   TVS  TVS  TVS   TVS  TVS  TVS  TVS  TVS  TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS/190 0.01( <del>+)</del> 150 TVS 1000 TVS
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chron *Temperature	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute acute 340  TVS 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 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	 0.02 TVS  TVS TVS*  WS 1000 TVS  TVS/190 0.01( <del>t)</del> 150 TVS 1000 TVS 
COSPUS14 Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Uranium(acute *Uranium(chro	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. ic) = copper BLM-based FMB 20.8 ug/l f Marcy Gulch. ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Bio         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (r         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	logical DM WS-I* acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10  	MWAT WS-I* chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  340  TVS 5.0  50 TVS  TVS*  TVS*  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS  TVS   TVS   TVS  TVS  TVS   TVS  TVS  TVS  TVS  TVS  TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS/190 0.01( <del>+)</del> 150 TVS 1000 TVS

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

D.O. = dissolved oxygen

	of the South Platte River from the Burli		-	nt immediatel	y below the confluence wit		
COSPUS15	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP <u>Reviewable</u>	Aq Life Warm <del>2<u>1</u></del>	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	varies*	varies*	Arsenic(T)		0.02 <mark>-10</mark> A
Qualifiers:		рН	6.0-9.0*		Beryllium	-	
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2024				Chromium III(T)	50	
		Inorganic (m	ig/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper		TVS*
Chloride(chror	nic) = current condition	Ammonia	TVS*	TVS*	Copper	TVS*	
×	c) = current condition	Boron		0.75	Iron		WS
temperature(D condition	<del>M/MWAT) = current</del>	Chloride		250	Iron(T)		1000
	e of 12/31/2020	Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
Discharger Sp	ecific Variance(s):	Nitrate	10		Manganese	TVS	TVS/400
Selenium(acut	e) = TVS: no limit	Nitrite	<u>1.0</u> ⁻	<del>1.0<u></u> -</del>	Mercury(T)		0.01 <del>(t)</del>
	onic) = TVS: 24 μg/L	Phosphorus			Molybdenum(T)		150
•	e of 12/31/2023	Sulfate		WS	Nickel	TVS	TVS
	Ite) = See <u>section 38.6(4)</u> attached pecific standards.	Sulfide		0.002	Nickel(T)		100
*Ammonia(chr	onic) = See section 38.6(4)attached			0.002	Selenium	TVS	TVS
	pecific standards. ) = Copper BLM-based FMB				Silver	TVS	TVS
Cu FMB(ac)=3	9 <mark>5.1_26.4</mark> ug/l				Uranium	-varies*	varies*
	f the Metro Hite WWTF outfall. hic) = Copper BLM-based FMB				Zinc	TVS	TVS
Cu FMB(ch)=	2 <del>3.5</del> _ <u>18.0</u> ug/l						110
	f the Metro Hite WWTF outfall. e) = See 38.5(3) for details.						
	pnic) = See 38.5(3) for details.						
	acute) = See <u>section 38.6(4)</u> attached						
	pecific standards. hronic) = See section 38.6(4)attached						
	pecific standards.						
	0.0 - 9.0 from 64th Ave. downstream 2						
*Variance: Sel	enium = see 38.6(6) for details.						

16a. Mainsterr	n of Sand Creek from the confluence	Se of Mulphy and Coal Creek in Alab		COILINGENCE V		7N.	
	Classifications	Physical and I	-			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<u> 1000.02-10</u> <u>А</u>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
		Inorgani	c (mg/L)		Chromium III	<del>TVS</del>	TVS
	te) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	<u>50</u>	<del>100</del>
*Uranium(chro	onic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> ⁻	Iron	<u></u>	WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<u>10010</u>		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> -	<del>0.5</del> -	Manganese	TVS	TVS <mark>/WS</mark>
		Phosphorus	<u></u>		Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Cundo		0.002	Nickel(T)	<u> </u>	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Uranium Zinc	- <u>varies*</u> TVS	<u>varies*</u> TVS
16b. Aurora R	eservoir.				Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
	eservoir. Classifications	Physical and	Biological				
		Physical and	Biological DM	MWAT		TVS	
COSPUS16B	Classifications	Physical and Temperature °C	-	MWAT WL		TVS Metals (ug/L)	TVS
COSPUS16B Designation	Classifications Agriculture		DM		Zinc	TVS Metals (ug/L)	TVS
COSPUS16B Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply		DM WL	WL	Zinc Aluminum	TVS Metals (ug/L) acute	TVS chronic
COSPUS16B Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C	DM WL acute	WL chronic	Zinc Aluminum Arsenic	TVS Metals (ug/L) acute 340	TVS chronic
COSPUS16B Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340 	TVS chronic
COSPUS16B Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	DM WL acute  6.5 - 9.0	WL chronic 5.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	TVS chronic  0.02
COSPUS16B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute  6.5 - 9.0 	WL chronic 5.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS	TVS chronic  0.02
COSPUS16B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0 	WL chronic 5.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340  TVS 5.0	TVS chronic  0.02  TVS 
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   c (mg/L)	WL chronic 5.0  126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS 5.0 	TVS chronic  0.02  TVS  TVS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	DM WL acute  6.5 - 9.0   c (mg/L) acute	WL chronic 5.0  126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	DM WL acute  6.5 - 9.0   c (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS  Metals (ug/L)  acute  340   340   TVS  5.0   50  TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS 	WL           chronic           5.0              126           chronic           TVS           0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute	TVS chronic  0.02  TVS  TVS  TVS  TVS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  	WL           chronic           5.0              126           chronic           TVS           0.75           250	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute acute 340 340 50 50 TVS 50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  C (mg/L)	WL chronic 5.0  126 chronic TVS 0.75 250 0.011	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute acute 340 340 50 50 TVS 50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  C (0.019 0.005	WL chronic 5.0  126 chronic TVS 0.75 250 0.011 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS  Metals (ug/L)  acute  340   340   50  TVS  50  TVS  TVS  TVS   TVS  TVS  TVS   TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  	Zinc 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 acut	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS 
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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	DM WL acute  6.5 - 9.0  (.5 - 9.0  (.5 - 9.0   (.5 - 9.0    0.019 0.005 10  10  	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5	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	TVS Metals (ug/L) acute	TVS  Chronic  Chronic   0.02   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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS .
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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 Phosphorus	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  0.05 10	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5	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(T)	TVS Metals (ug/L) acute	TVS Chronic Chronic Chronic Chronic Chronic TVS Chronic Chroni
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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 Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc 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(T) Molybdenum(T)	TVS  Metals (ug/L)  acute acut	TVS  chronic
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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 Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc 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(T) Molybdenum(T) Nickel	TVS           Metals (ug/L)           acute           340              340              340              340              340              340              50           TVS              TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           TVS           TVS	TVS
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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 Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc 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(T) Molybdenum(T) Nickel Nickel(T)	TVS  Metals (ug/L)  acute acut	TVS Chronic Ch
COSPUS16B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	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 Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Zinc	TVS           Metals (ug/L)           acute              340              340              340              50           TVS	TVS Chronic Ch

pecific listing			D' 1				
	Classifications	Physical and	-			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
chlorophvll a	(mg/m ² )(chronic) = applies only above	chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
he facilities lis	sted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
acilities listed	chronic) = applies only above the at 38.5(4).	Inorgan	ic (mg/L)		Chromium III(T)		100
<u>Uranium(acu</u>	te) = See 38.5(3) for details.		acute	chronic	Chromium VI	TVS	TVS
<u>Uranium(chro</u>	onic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	- <u>varies*</u>	varies*
					Zinc	TVS	TVS
	Creek from the source to the O'Brian Ca				I		
	Classifications	Physical and	-			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
-							
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	-	
IP	Water Supply		acute	chronic	Arsenic		
		D.O. (mg/L)	acute 	chronic 3.3*	Arsenic Arsenic(T)	 340 	
	Water Supply	D.O. (mg/L) pH	<b>acute</b>  6.5 - 9.0	chronic 3.3* 	Arsenic Arsenic(T) <mark>Beryllium</mark>		<del>100<u>0.02-10</u> </del>
ualifiers:	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²)	acute 	chronic 3.3*  150*	Arsenic Arsenic(T)		
Qualifiers: Other: chlorophyll a	Water Supply Recreation E (mg/m ² )(chronic) = applies only above	D.O. (mg/L) pH	<b>acute</b>  6.5 - 9.0	chronic 3.3* 	Arsenic Arsenic(T) <mark>Beryllium</mark>		<del>100<u>0</u>.02-10</del>  TVS 
Qualifiers: Other: chlorophyll a ne facilities lis Phosphorus(i	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0 	chronic 3.3*  150*	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	  TVS	<u>+000.02-10</u>  TVS
Aualifiers: hther: chlorophyll a he facilities lis Phosphorus(i acilities listed	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0 	chronic 3.3*  150*	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u>	 TVS <u>5.0</u>	<del>100<u>0</u>.02-10</del>  TVS 
Aualifiers: hther: chlorophyll a ne facilities listed Phosphorus(nacilities listed Uranium(acur	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0   ic (mg/L)	<b>chronic</b> 3.3*  150* 126	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	 TVS <u>5.0</u> T <del>VS</del> TVS	1000.02-10  TVS  TVS 100 TVS
Qualifiers: Other: chlorophyll a ne facilities list Phosphorus( acilities listed Uranium(acur Uranium(chrc	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. ponic) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	acute  6.5 - 9.0  ic (mg/L) acute	chronic 3.3*  150* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS <u>5.0</u> T <del>VS</del> <u>50</u>	1000.02-10  TVS  TVS 100 TVS
tualifiers: ther: chlorophyll a he facilities lis Phosphorus( cilities listed Uranium(acu Uranium(chro D.O. (mg/L)(chro beasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	acute  6.5 - 9.0  ic (mg/L) acute TVS	chronic           3.3*              150*           126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS <u>5.0</u> T <del>VS</del> TVS	1000.02-10  TVS  TVS 100 TVS TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(c	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic           3.3*              150*           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS <u>5.0</u> T <del>VS</del> TVS TVS	1000.02-10  TVS  TVS 100 TVS TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(c	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic 3.3* 150* 126 chronic TVS 0.75 <u>250</u> -	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS <u>5.0</u> T <del>VS</del> TVS TVS TVS	1000.02-10  TVS TVS 100 TVS TVS WS 1000
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed Uranium(acu Uranium(chro D.O. (mg/L)(c neasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) acute T∨S  0.019	chronic           3.3*              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	 TVS <u>5.0</u> TVS TVS TVS TVS 50 TVS	1000.02-10              TVS           TVS           100           TVS           100           TVS           1000           TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed Uranium(acu Uranium(chro D.O. (mg/L)(c neasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) 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         3.3*            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	 TVS <u>5.0</u> TVS TVS TVS TVS  TVS	1000.02-10              TVS           TVS           100           TVS           100           TVS           1000           TVS           1000           TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(c	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) 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 10010	chronic         3.3*            150*         126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS 5.0 TVS <u>50</u> TVS TVS  TVS  TVS 50	1000.02-10              TVS           TVS           100           TVS           100           TVS           1000           TVS           1000           TVS
tualifiers: ther: chlorophyll a he facilities lis Phosphorus( cilities listed Uranium(acu Uranium(chro D.O. (mg/L)(chro beasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10010 10010	chronic         3.3*            150*         126         chronic         TVS         0.75        250         0.011            0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS 5.0 TVS TVS TVS TVS  50 TVS 50 TVS	1000.02-10  TVS TVS 100 TVS WS 1000 TVS  TVS.WS 0.01(#)
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(c	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10010 0.5 ⁻	chronic         3.3*            150*         126         chronic         TVS         0.75        250         0.011            0.5         0.17*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0 TVS TVS TVS 50 TVS  TVS 50 TVS 50 TVS	1000.02-10              TVS           TVS           100           TVS           100           TVS           WS           1000           TVS           0.01(+)           150
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed Uranium(acu Uranium(chro D.O. (mg/L)(c neasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> - 	chronic 3.3*  150* 126 Chronic TVS 0.75 <u>250</u> - 0.011  0.011  0.17* <u>WS</u> -	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0 TVS 50 TVS TVS TVS  50 TVS 50 TVS	1000.02-10              TVS           TVS           100           TVS           100           TVS           1000           TVS           1000           TVS           0.01(#)           150           TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(c	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> - 	chronic 3.3*  150* 126 Chronic TVS 0.75 <u>250</u> - 0.011  0.011  0.17* <u>WS</u> -	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS  TVS	1000.02-10              TVS           100           TVS           100           TVS           1000           TVS           1000           TVS           1000           TVS           0.01(+)           150           TVS           100
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus( acilities listed Uranium(acu Uranium(chro D.O. (mg/L)(c neasurement	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> - 	chronic 3.3* 150* 126 Chronic TVS 0.75 250 ⁻ 0.011  0.011  0.17* <u>WS</u> ⁻	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 TVS 5.0 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS  50 TVS	1000.02-10  TVS TVS 100 TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100 TVS
he facilities lis Phosphorus( acilities listed <u>Uranium(acur</u> <u>Uranium(chro</u> D.O. (mg/L)(o	Water Supply Recreation E (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details. onic) = See 38.5(3) for details. chronic) = 15th percentile of D.O.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> - 	chronic 3.3* 150* 126 Chronic TVS 0.75 250 ⁻ 0.011  0.011  0.17* <u>WS</u> ⁻	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0 TVS TVS TVS TVS  TVS 50 TVS 50 TVS  TVS	1000.02-10              TVS           100           TVS           100           TVS           1000           TVS           1000           TVS           1000           TVS

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16e. Third Creek from the source to the O'Brian Cana	at 39.917346, -104.784028.					
COSPUS16E Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
UP Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
Water Supply		acute	chronic	Arsenic	340	
Recreation E	D.O. (mg/L)		4.0*	Arsenic(T)		<del>100<u>0.02-10</u> A</del>
Qualifiers:	рН	6.5 - 9.0		Beryllium	-	-
Other:	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
*Uranium(acute) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u></u>
*Uranium(chronic) = See 38.5(3) for details.	Inorganic (r	ng/L)		Chromium III	<del>TVS</del>	TVS
*D.O. (mg/L)(chronic) = 15th percentile of D.O.		acute	chronic	Chromium III(T)	<u>50</u>	<del>100</del>
measurements collected between 6:30 a.m. and 6:30 p.m.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	Boron		0.75	Copper	TVS	TVS
	Chloride		<u>250</u> ⁻	<u>Iron</u>		<u>WS</u>
	Chlorine	0.019	0.011	lron(T)		1000
	Cyanide	0.005		Lead	TVS	TVS
	Nitrate	<del>100<u>10</u></del>		Lead(T)	<u>50</u>	<u></u>
	Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
	Phosphorus			Mercury(T)		0.01 <del>(t)</del>
	Sulfate		<u>WS</u> -	Molybdenum(T)		150
	Sulfide		0.002	Nickel	TVS	TVS
				Nickel(T)	<u></u>	<u>100</u>
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium	varies*	varies*
				Zinc	TVS	TVS
16f. Barr Lake Tributary from the source to the Denve	r Hudson Canal <u>- at 39.941142, -10</u> 4	4. <u>748387.</u>				
COSPUS16F Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
UP Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
Recreation E		acute	chronic	Arsenic	340	
Qualifiers:	D.O. (mg/L)		narrative*	Arsenic(T)		100
Other:	pH	6.5 - 9.0		Beryllium		
$\star$ able reached by $(m \sigma/m^2)$ (abreadic) condition only observe	chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
the facilities listed at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 38.5(4).	Inorganic (r	ng/L)		Chromium III(T)		100
<u>*Uranium(acute) = See $38.5(3)$ for details.</u>		acute	chronic	Chromium VI	TVS	TVS
*Uranium(chronic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
	Boron		0.75	Iron(T)		1000
concentrations shall be maintained at levels that protect classified uses.	Chloride			Lead	TVS	TVS
	Chlorine	0.019	0.011	Manganese	TVS	TVS
	Cyanide	0.005		Mercury(T)		0.01 <del>(t)</del>
	Nitrate	100		Molybdenum(T)		150
	Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
	Phosphorus		0.17*	Selenium	TVS	TVS
	Sulfate			Silver	TVS	TVS
	Sulfide		0.002	Uranium	- <u>varies*</u>	<u>varies*</u>
				Zinc	TVS	TVS
				200	103	100

16g. Marcy Gu	ulch, including all wetlands from the so	urce to the confluence with the South	n Platte.				
COSPUS16G	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		100 <u>0.02-10</u> A
Qualifiers:		pН	6.5 - 9.0		Beryllium	-	-
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
temperature(E	M/MWAT) = current 12/1 - 2/29	Inorganic (r	ng/L)		Chromium III	<del>TVS</del>	TVS
condition* Expiration Dat	e of 12/31/2020		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*Copper(acute Cu FMB(ac)=6	e) = Copper BLM-based FMB	Boron		0.75	Copper		TVS*
below the Cen	tennial WWTF.	Chloride		<u>250</u> ⁻	Copper	TVS*	
Copper(cnror Cu FMB(ch)=4	nic) = Copper BLM-based FMB 43.3 ug/l	Chlorine	0.019	0.011	<u>Iron</u>	<u></u>	<u>WS</u>
	itennial WWTF. ite) = See section 38.6(4)(b) for	Cyanide	0.005		Iron(T)		1000
assessment lo	ocations.	Nitrate	<del>100<u>10</u></del>		Lead	TVS	TVS
*Selenium(chr assessment lo	onic) = See section 38.6(4)(b) for ocations	Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Lead(T)	<u>50</u>	
	te) = See 38.5(3) for details.	Phosphorus			Manganese	TVS	TVS <mark>/WS</mark>
*Uranium(chro	onic) = See 38.5(3) for details.	Sulfate		<u>WS</u> -	Mercury(T)		0.01 <del>(t)</del>
*TempMod: te of Centennial	mperature(12/1 - 2/29) = downstream	Sulfide		0.002	Molybdenum(T)		<u>150</u>
<del>or centenniar</del>	<u> </u>				Nickel	TVS	TVS
					Nickel(T)	<u></u>	<u>100</u>
					Selenium	21*	13*
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	varies*
					Zinc	TVS	TVS

COSPUS16H	Classifications	Physical and Bi	ological		Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	_	
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<del>7.6<u>0.02-10</u> A</del>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
ish Ingestio	n Standards	chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u> </u>
	(mg/m ² )(chronic) = applies only above	Inorganic	(mg/L)		Chromium III	TVS	TVS
	sted at 38.5(4). chronic) = applies only above the		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
acilities listed	at 38.5(4).	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	ute) = See section 38.6(4)(b) for dards and assessment locations.	Boron		0.75	Copper	TVS	TVS
	onic) = See section 38.6(4)(b) for dards and assessment locations.	Chloride		<u>250</u> ⁻	<u>Iron</u>		<u>WS</u>
	te) = See 38.5(3) for details.	Chlorine	0.019	0.011	lron(T)		1000
Uranium(chro	onic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<u> 10010</u>		Lead(T)	<u>50</u>	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		<u>100</u>
					Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

16i. Mainstem	of Sand Creek from the confluence wit	h Toll Gate Creek to the confluence wit	h the South F	Platte River.			
COSPUS16I	Classifications	Physical and Biolog	ical		М	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<del>7.6<u>0.02</u></del>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Fish Ingestio	n Standards	chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
Temporary M	odification(s):	Inorganic (mg	/L)		Chromium III	<del>TVS<u></u></del>	TVS
Arsenic(chroni	c) = hybrid		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
Expiration Dat	e of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Discharger Sp	ecific Variance(s):	Boron		0.75	Copper	TVS	TVS
Selenium(acut	e) = TVS: no limit	Chloride		<u>250</u> ⁻	<u>Iron</u>		<u>WS</u>
Selenium(chro	onic) = 9: 24 µg/L	Chlorine	0.019	0.011	lron(T)		1000
Expiration Dat	e of 12/31/2023	Cyanide	0.005		Lead	TVS	TVS
	$(mg/m^2)$ (chronic) = applies only above	Nitrate	10		Lead(T)	<u>50</u>	
	ted at 38.5(4). chronic) = applies only above the	Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
facilities listed	at 38.5(4). hronic) = 0.026 below Brighton Blvd,	Phosphorus		0.17*	Mercury <u>(T)</u>		0.01 <del>(t)</del>
see section 38	8.6(4)(f) for mercury assessment	Sulfate		<u>WS</u> -	Mercury <u>(T)</u>		0.026 <del>(t)*</del> *
locations *Selenium(acu	ite) = See section 38.6(4)(f) for	Sulfide		0.002	Molybdenum(T)		150
selenium stan	dards and assessment locations.				Nickel	TVS	TVS
	onic) = See section 38.6(4)(f) for dards and assessment locations.				Nickel(T)	=	<u>100</u>
*Uranium(acut	e) = See 38.5(3) for details.				Selenium	varies*	varies*
*Uranium(chro	onic) = See 38.5(3) for details.				Selenium	varies*	<u>varies*</u>
*Variance: Sel	enium = see 38.6(6) for details.				Silver	TVS	TVS
					Uranium	- <u>varies*</u>	<u>varies*</u>
					Zinc	TVS	TVS

Toj. Lee Guich		s and Arapahoe Counties), and Little [	ry Creek, mor	uding all wet	lands from the source to the	e connuence with the	South Flatte.
COSPUS16J	Classifications	Physical and Biolo	gical		Ν	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*chlorophyll a ( the facilities list	(mg/m ² )(chronic) = applies only above ted at 38.5(4).	Inorganic (m	ı/L)		Chromium III		TVS
*Phosphorus(c	chronic) = applies only above the		acute	chronic	Chromium III(T)	50	
	te) = See section 38.6(4)(h) for	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	dards and assessment locations. onic) = See section 38.6(4)(h) for	Boron		0.75	Copper	TVS	TVS
	dards and assessment locations.	Chloride		250	Iron		WS
	e) = See 38.5(3) for details.	Chlorine	0.019	0.011	lron(T)		1000
*Uranium(chro	nic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
16k Mainstom	of Lakawaad Culab from the course to	the confluence with the Courth Diette					
TOK. Mainstern	I OF Lakewood Guich from the source to	the confluence with the South Platte.					
	Classifications	Physical and Biolo	gical		Λ	Metals (ug/L)	
COSPUS16K			gical DM	MWAT	Ň	Metals (ug/L) acute	chronic
COSPUS16K Designation	Classifications		-	MWAT WS-II	Aluminum		chronic
COSPUS16K Designation Reviewable	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and Biolo	DM				chronic 
COSPUS16K Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and Biolo	DM WS-II	WS-II	Aluminum	acute	-
COSPUS16K Designation Reviewable	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and Biolo	DM WS-II acute	WS-II chronic	<del>Aluminum</del> Arsenic	acute  340	
COSPUS16K Designation Reviewable	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and Biolo	DM WS-II acute 	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
COSPUS16K Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	  <del>7.6<u>0.02</u> </del>
COSPUS16K Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	  <del>7.60.02</del>  TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chroni</u>	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) 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 <u>Cadmium(T)</u>	acute  340  TVS <u>5.0</u>	  7 <u>.60.02</u>  TVS 
COSPUS16K Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronii Expiration Date	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>pdification(s):</u> c) = hybrid e of 12/31/2024	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0  	WS-II chronic 5.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	acute  340  TVS <u>5.0</u> TVS	  7.6 <u>0.02</u>  TVS  TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronie</u> <u>Expiration Date</u> *chlorophyll a ( the facilities lis	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E pdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4).	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg	DM WS-II acute  6.5 - 9.0   //L) acute	WS-II chronic 5.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III Chromium III(T)	acute  340  TVS 5.0 TVS <u>50</u>	 7.60.02  TVS  TVS 400
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg	DM WS-II acute  6.5 - 9.0   y/L) acute TVS	WS-II chronic 5.0  150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute  340  TVS <u>5.0</u> T <del>VS</del> <u>50</u> TVS	 7 <u>.60.02</u>  TVS  TVS 100 <u></u> TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities lis *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron	DM WS-II acute  6.5 - 9.0   y/L) acute TVS 	WS-II chronic 5.0  150* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute  340  TVS <u>5.0</u> TVS TVS TVS	  7.60.02  TVS  TVS 400 TVS TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg/ Ammonia Boron Chloride	DM WS-II acute  6.5 - 9.0   //L) acute T∨S  	WS-II chronic 5.0 150* 126 chronic TVS 0.75 250 ⁻	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS	 7.60.02  TVS  TVS 400 TVS TVS TVS WS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg/m ² ) Ammonia Boron Chloride Chlorine	DM WS-II acute  6.5 - 9.0  (L) acute TVS   0.019	WS-II chronic 5.0 150* 126 chronic TVS 0.75 250 ⁻¹ 0.011	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 50 TVS TVS TVS 	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg/ Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0   y/L) acute T∨S  0.019 0.005	WS-II chronic 5.0  150* 126 chronic TVS 0.75 <u>250</u> - 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS  SU TVS	 7.60.02  TVS  TVS 100 TVS TVS TVS <u>WS</u> 1000
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute  6.5 - 9.0   y/L) acute TVS  0.019 0.005 10010	WS-II         chronic         5.0         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 <u>5.0</u> TVS <u>50</u> TVS TVS TVS  S0 TVS TVS 50	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS 
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed * <u>Uranium(acute</u>	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute  6.5 - 9.0  (L) acute TVS  0.019 0.005 10010  0.5 -	WS-II         chronic         5.0         126         Chronic         TVS         0.75        250         0.011        250         0.012	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute	 7.60.02  TVS  TVS 100 TVS TVS  1000 TVS  1000 TVS 
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed * <u>Uranium(acute</u>	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  ( (  (  (  (   (   (   (  (  (  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	WS-II         chronic         5.0         126         0.75        250         0.011        250         0.011        0.017	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS <u>5.0</u> TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 7.60.02  TVS  TVS 100 TVS TVS S WS 1000 TVS 1000 TVS <u>TVS/WS</u> 0.01(+)
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronin</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed * <u>Uranium(acute</u>	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg/m ² ) E. Coli (per 100 mL) Coli (per 100 mL) Inorganic (mg/m ² ) Coli (per 100 mL) Inorganic (mg/m ² ) Nitrate Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0   () x/L) acute TVS  0.019 0.005 10010  10010    	WS-II chronic 5.0 150* 126 Chronic TVS 0.75 250 - 0.011  0.5 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(T) Molybdenum(T)	acute	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS  TVS  1000 TVS  1000 TVS 
COSPUS16K Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronii Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0   () x/L) acute TVS  0.019 0.005 10010  10010    	WS-II         chronic         5.0         126         0.75        250         0.011        250         0.011        0.017	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)	acute	 7.60.02 7.02 TVS TVS 100 TVS 100 TVS WS 1000 TVS 0.01( <del>+</del> ) 150 TVS 100
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronii</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed * <u>Uranium(acute</u>	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (JL) acute TVS  0.019 0.005 10010  0.05 -  	WS-II         chronic         5.0         126         0.75        250         0.011        250         0.011        0.017	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium III         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium	acute	 7.60.02  TVS  TVS 100 TVS TVS 1000 TVS  TVS/WS 0.01(#) 150 TVS 1000 TVS
COSPUS16K Designation Reviewable Qualifiers: Other: <u>Temporary Mc</u> <u>Arsenic(chronii</u> <u>Expiration Date</u> *chlorophyll a ( the facilities list *Phosphorus(c facilities listed * <u>Uranium(acute</u>	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (JL) acute TVS  0.019 0.005 10010  0.05 -  	WS-II         chronic         5.0         126         0.75        250         0.011        250         0.011        0.017	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron(T)         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver	acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS  TVS 0.01(#) 150 TVS 1000 TVS 1000 TVS
COSPUS16K Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronii Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Uranium(acuter)	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Biolo Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (JL) acute TVS  0.019 0.005 10010  0.05 -  	WS-II         chronic         5.0         126         0.75        250         0.011        250         0.011        0.017	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium III         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium	acute	 7.60.02  TVS  TVS 100 TVS 1000 TVS  0.01(#) 150 TVS 1000 TVS 150 TVS

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

COSDUCATA		cky Mountain Lake, Berkely Lake					
CUSPUS1/A	Classifications	Physical an	d Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E	_	acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pН	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)			Cadmium	TVS	TVS
-	$\frac{\text{te}}{\text{=}} = \frac{\text{See } 38.5(3) \text{ for details.}}{2}$	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Inorga	inic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	-varies*	varies*
					Zinc	TVS	TVS
17b. Sloan's L	.ake.	•			•		
COSPUS17B	Classifications	Physical an	d Biological			Metals (ug/L)	
Designation	A 1 11						
Reviewable	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Warm 1	Temperature °C	DM WL	MWAT WL	Aluminum	acute	chronic
		Temperature °C			<mark>Aluminum</mark> Arsenic		chronic
Qualifiers:	Aq Life Warm 1	Temperature °C D.O. (mg/L)	WL	WL			
	Aq Life Warm 1		WL acute	WL chronic	Arsenic	 340	
Qualifiers: Other:	Aq Life Warm 1 Recreation E	D.O. (mg/L)	WL acute 	WL chronic 5.0	Arsenic Arsenic(T)	340 	 7.6
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L)	WL acute  6.5 - 9.0	WL chronic 5.0 	Arsenic Arsenic(T) <del>Beryllium</del>	 340 	 7.6 
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 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) <del>Beryllium</del> Cadmium	 340  TVS	 7.6  TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	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	 340  TVS TVS	 7.6  TVS TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute  6.5 - 9.0   unic (mg/L)	WL chronic 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	 340  TVS TVS 	 7.6  TVS TVS 100
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga	WL acute  6.5 - 9.0   ninc (mg/L) acute	WL chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	 340  TVS TVS  TVS	 7.6  TVS TVS 100 TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga	WL           acute              6.5 - 9.0                 inic (mg/L)           acute           TVS	WL chronic 5.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	 340  TVS TVS  TVS TVS	 7.6 TVS TVS 100 TVS TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron	WL acute  6.5 - 9.0  acute TVS 	WL chronic 5.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 340  TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS TVS 1000
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	WL acute  6.5 - 9.0  mic (mg/L) acute TVS 	WL chronic 5.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 340  TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	WL         acute            6.5 - 9.0               acute         TVS            0.019	WL chronic 5.0  126 Chronic TVS 0.75  0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	 340  TVS TVS  TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	WL           acute              6.5 - 9.0                 acute           TVS              0.019           0.005	WL chronic 5.0  126 Chronic TVS 0.75  0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	340  TVS TVS  TVS TVS TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01 <del>(()</del>
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	WL           acute              6.5 - 9.0                 mic (mg/L)           TVS              0.019           0.005           100	₩L chronic 5.0 126 126 0.01 0.011 0.011 0.01	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	 340  TVS TVS  TVS TVS  TVS TVS TVS 	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01( <del>t)</del> 150
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WL acute  6.5 - 9.0  mic (mg/L) acute TVS  UNS 0.019 0.005 100 <u>0.5</u> -	WL       chronic       5.0          126       Chronic       Chronic       0.75       0.75       0.11          0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	 340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01( <del>()</del> 150 TVS
Qualifiers: Other: <u>*Uranium(acut</u>	Aq Life Warm 1 Recreation E te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	WL         acute            6.5 - 9.0                  mic (mg/L)         acute         TVS            0.019         0.005         100            0.5 -	WL chronic 5.0 126 Chronic TVS 0.75 0.011 0.011 0.011 0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Nolybdenum(T) Nickel Selenium	 340  TVS TVS  TVS TVS  TVS TVS  TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01( <del>t)</del> 150 TVS TVS

17c. Bowles La	ake, a.k.a. Patrick Reservoir or Bow Ma	ar Lake.					
COSPUS17C	Classifications	Physical and B	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS	TVS
	e) = See 38.5(3) for details.	chlorophyll a (ug/L)			Chromium III	TVS	TVS
*Uranium(chro	nic) = See $38.5(3)$ for details.	E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorganic	(mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.5</u> -	<del>0.5</del>	Silver	TVS	TVS
		Phosphorus			Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
18 Lakes and	reservoirs within the boundaries of the			0.002			
	Classifications	Physical and Bi				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:		pH	6.5 - 9.0		Cadmium	TVS	TVS
other.		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		126	Chromium III		TVS
	larger than 25 acres surface area. hronic) = applies only to lakes and	on (por . oo me)		0	Chromium III(T)	50	
	er than 25 acres surface area.	Inorgania	(mg/l)		Chromium VI	TVS	TVS
	e) = See 38.5(3) for details.	Inorganic	acute	chronic	Copper	TVS	TVS
<u>Uranium(cnro</u>	nic) = See 38.5(3) for details.		acule	Chionic			WS
		Ammonia	TVC	TVC	Iron		110
		Ammonia	TVS	TVS	Iron		1000
		Boron		0.75	lron(T)		1000 TVS
		Boron Chloride		0.75 250	Iron(T) Lead	 TVS	TVS
		Boron Chloride Chlorine	  0.019	0.75 250 0.011	Iron(T) Lead Lead(T)	 TVS 50	TVS
		Boron Chloride Chlorine Cyanide	  0.019 0.005	0.75 250 0.011 	Iron(T) Lead Lead(T) Manganese	 TVS 50 TVS	TVS  TVS/WS
		Boron Chloride Chlorine Cyanide Nitrate	  0.019 0.005 10	0.75 250 0.011 	Iron(T) Lead Lead(T) Manganese Mercury <u>(T)</u>	 TVS 50 TVS 	TVS  TVS/WS 0.01 <del>(t)</del>
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	 0.019 0.005 10 <u>0.05</u> ⁻	0.75 250 0.011  0.05	Iron(T) Lead Lead(T) Manganese Mercury <u>(T)</u> Molybdenum(T)	 TVS 50 TVS 	TVS  TVS/WS 0.01 <del>(t)</del> 150
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 0.019 0.005 10 <u>0.05</u> -	0.75 250 0.011  0.05 <u></u> - 0.025*	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	 TVS 50 TVS  TVS	TVS  TVS/WS 0.01( <del>t)</del> 150 TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 <u>0.05</u> - 	0.75 250 0.011  0.05 0.025* WS	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS 100
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 0.019 0.005 10 <u>0.05</u> -	0.75 250 0.011  0.05 <u></u> - 0.025*	Iron(T) Lead Lead(T) Manganese Mercury <u>(T)</u> Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS 100 TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 <u>0.05</u> - 	0.75 250 0.011  0.05 0.025* WS	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 50 TVS  TVS TVS TVS	TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS TVS(tr)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 <u>0.05</u> - 	0.75 250 0.011  0.05 0.025* WS	Iron(T) Lead Lead(T) Manganese Mercury <u>(T)</u> Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS 100 TVS

COSPUS19	Classifications	Phy	sical and Bio	logical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<del>3/1 - 12/31</del>	CLLvaries*	25.0varies*	Aluminum		
	Recreation E	Temperature °C	<del>4/1 - 12/31</del>	CLL*	<del>19.6*</del>	Arsenic	340	
	Water Supply	Temperature °C	<del>4/1 - 12/31</del>	CLL*	<del>19.8*</del> ^B	Arsenic(T)		0.02
	DUWS*	Temperature °C	<del>4/1 - 12/31</del>	CLL*	<del>20.2*</del>	Beryllium		
Qualifiers:		Temperature °C	<del>4/1 - 12/31</del>	CLL*	<del>21.9*</del>	Cadmium	TVS	TVS
Other:		Temperature °C	<del>4/1 - 12/31</del>	CLL*	<del>22.6*</del>	Cadmium(T)	5.0	
emporary M	odification(s):	Temperature °C		CL,CLL	CL,CLL	Chromium III		TVS
Arsenic(chron				acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	D.O. (mg/L)			6.0	Chromium VI	TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only above	D.O. (spawning)			7.0	Copper	TVS	TVS
ne facilities lis	sted at 38.5(4), applies only to lakes	рН		6.5 - 9	0	Iron		WS
	a larger than 25 acres surface area. DUWS applies to Strontia Springs	chlorophyll a (ug/L)			8*	lron(T)		1000
nd Woodland	<u>l Park Reservoir</u> only.	E. Coli (per 100 mL)			126	Lead	TVS	TVS
	chronic) = applies only above the at 38.5(4), applies only to lakes and					Lead(T)	50	
eservoirs larg	er than 25 acres surface area. (3/1 - 12/31) = Platte Canyon Res		Inorganic (r	ng/L)		Manganese	TVS	TVS/WS
WWAT=25.0)	$\frac{(37 - 12731) = Flatte Canyon Res}{Vranium(acute) = See 38.5(3) for}$			acute	chronic	Mercury(T)		0.01 <del>(t)</del>
<u>etails.</u> Temperature	(4/1 - 12/31) = Antero Reservoir	Ammonia		TVS	TVS	Molybdenum(T)		150
MWAT=19.6)	*Uranium(chronic) = See 38.5(3) for	Boron			0.75	Nickel	TVS	TVS
<u>etails.</u> Temperature	(4/1 - 12/31) = Elevenmile Reservoir	Chloride			250	Nickel(T)		100
WAT=19.8)	(4/1 - 12/31) = Spinnev Mt Reservoir	Chlorine		0.019	0.011	Selenium	TVS	TVS
WWAT=20.2)		Cyanide		0.005		Silver	TVS	TVS(tr)
Femperature	(4/1 - 12/31) = Cheesman Reservoir	Nitrate		10		Uranium	varies*	varies*
Femperature	(4/1 - 12/31) = Strontia Springs Res	Nitrite		<u>0.05</u>	<del>0.05</del> -	Zinc	TVS	TVS
<del>AWAT=<u> = Se</u> 2.6)</del>	e 38.6 for temperature standards.	Phosphorus			0.025*			
,		Sulfate			WS			
		Sulfide			0.002			

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to the inlet of F	Perry Park Reservoir, a.k.a. Waucond	ah Reservoir (Douglas County).			Bear Creek drainage betw		
COSPUS20	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
*Uranium(acut	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Uranium(chro	onic) = See 38.5(3) for details.				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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
				01002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
21. Lakes and	reservoirs in the Plum Creek system	except for specific listings in Segm	ient 20.				
COSPUS21	Classifications	Physical and I	Pielegiaal				
		,	Siological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Agriculture Aq Life Warm 2	Temperature °C	-	MWAT WL	Aluminum	,	chronic
-	- ⁻		DM			,	chronic 
-	Aq Life Warm 2 Recreation E Water Supply		DM WL	WL	Aluminum	acute	chronic   0.02-10 ^A
Reviewable	Aq Life Warm 2 Recreation E	Temperature °C	DM WL acute	WL chronic	<mark>Aluminum</mark> Arsenic	acute 	
-	Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	acute 	
Reviewable	Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	DM WL acute  6.5 - 9.0	WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02-10 ^A 
Reviewable Qualifiers: Other:	Aq Life Warm 2 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute  6.5 - 9.0  	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 	  0.02-10 ^A  TVS
Reviewable Qualifiers: Other:	Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0  	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	  0.02-10 ^A  TVS 
Qualifiers: Other: *Classification only.	Aq Life Warm 2 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   c (mg/L)	WL chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0 	 0.02-10 A  TVS  TVS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	DM WL acute  6.5 - 9.0  c (mg/L) acute	WL chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 	 0.02-10 A  TVS  TVS 
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	DM WL acute  6.5 - 9.0   c (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute 340  TVS 5.0  50 TVS	 0.02-10 A  TVS  TVS  TVS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM WL acute  6.5 - 9.0   c (mg/L) acute TVS 	WL           chronic           5.0              126           chronic           TVS           0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340  TVS 5.0  50 TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  TVS	WL chronic 5.0  126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340  TVS 5.0  50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  C (mg/L)	WL chronic 5.0  126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 	 0.02-10 A  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  C (0.019 0.005	WL           chronic           5.0              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	acute 	 0.02-10 A  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	₩L chronic 5.0 126 126 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)	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50	 0.02-10 A  TVS  TVS  TVS TVS WS 1000 TVS 
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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	DM WL acute 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 0.5 ⁻	₩L chronic 5.0 126 126 Chronic 17VS 0.75 250 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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 Phosphorus	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> -	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del>
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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         Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  0.5 - 	WL           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury(T)         Molybdenum(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS   TVS 50 TVS 	 0.02-10 A  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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         Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  0.5 - 	WL           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel	acute acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  150 TVS/WS
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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         Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  0.5 - 	WL           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100
Qualifiers: Other: *Classification only. *Uranium(acut	Aq Life Warm 2 Recreation E Water Supply DUWS* : DUWS applies to Aurora Rampart te) = See 38.5(3) for details.	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         Sulfate	DM WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  0.5 - 	WL           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS	

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

COSPUS22A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chroni
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS*	рН	6.5 - 9.0		Beryllium		
ualifiers:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
Vater + Fish	Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
ther:		Inorgar	nic (mg/L)		Chromium III		TVS
emporary M	odification(s):		acute	chronic	Chromium III(T)	50	
rsenic(chron		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
xpiration Dat	e of 12/31/2024	Boron		0.75	Copper	TVS	TVS
	: DUWS applies to McLellan, Marshall	Chloride		250	Iron		WS
nd Quincy <u>Re</u>	eservoirs only.	Chlorine	0.019	0.011	Iron(T)		1000
Molybdenum eservoir	(T)(chronic) = 210 ug/L for McLellan	Cyanide	0.005		Lead	TVS	TVS
	te) = See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
Jranium(chro	onic) = See 38.5(3) for details.	Nitrite	<u>0.5</u> ⁻	0 <u>.5</u>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Molybdenum(T)		210
		Gunde		0.002	Nickel	TVS	TVS
					Nickel(T)		10
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
						<u>varies*</u>	<u>varies</u>
2h Lakes an	d reservoirs located in the Rocky Mour	tain Arsenal National Wildlife Re	efuqe		Zinc	TVS	TVS
			ciuge				
JUSPUSZZD	Classifications	Physical and	l Biological			Metals (ug/L)	
		Physical and	l Biological DM	MWAT		Metals (ug/L) acute	chroni
esignation	Classifications Agriculture Ag Life Warm 2		DM	MWAT WL	Aluminum	Metals (ug/L) acute	
esignation	Agriculture	Physical and Temperature °C	DM WL	WL		acute	-
esignation eviewable	Agriculture Aq Life Warm 2	Temperature °C	DM	WL chronic	Arsenic	acute	
eviewable eviewable evalifiers:	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Arsenic Arsenic(T)	acute  340	
esignation leviewable Qualifiers:	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	DM WL	WL chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	  100
esignation eviewable qualifiers: other:	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute  6.5 - 9.0	WL chronic 5.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340  TVS	 100  TVS
Designation Reviewable Qualifiers: Dther: Uranium(acu	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0 	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute 340  TVS TVS	  100  TVS
Pesignation eviewable Qualifiers: hther: Uranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   hic (mg/L)	WL chronic 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340  TVS TVS TVS	 100  TVS TVS 100
Pesignation eviewable Qualifiers: hther: Uranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0   hic (mg/L) acute	WL chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute  340  TVS TVS  TVS	 100  TVS TVS 100 TVS
Pesignation eviewable Qualifiers: hther: Uranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute 340  TVS TVS  TVS TVS TVS	 100 TVS TVS 100 TVS TVS
esignation eviewable qualifiers: ther: Jranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS 	₩L chronic 5.0 126 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	 100 TVS 100 TVS 100 TVS 100
esignation eviewable qualifiers: ther: Jranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS  	WL chronic 5.0  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	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS  TVS  0.019	WL chronic 5.0  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 TVS	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0   mic (mg/L) acute TVS   0.019 0.005	WL chronic 5.0  126 chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	acute acute 340  TVS TVS TVS TVS TVS TVS TVS TVS	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS   0.019 0.005 100	₩L chronic 5.0 126 Chronic TVS 0.75 0.011 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	acute  340  TVS TVS  TVS TVS  TVS TVS  TVS TVS 	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  inic (mg/L) acute TVS  UNS  0.019 0.005 100 <u>0.5</u> -	₩L chronic 5.0 126 Chronic TVS 0.75 0.011 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	acute acute 340  TVS TVS TVS TVS TVS TVS TVS TVS	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS   0.019 0.005 100	₩L chronic 5.0 126 Chronic TVS 0.75 0.011 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	acute acute 340  TVS TVS TVS TVS TVS TVS TVS TVS	
esignation eviewable ualifiers: ther: Jranium(acut	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  inic (mg/L) acute TVS  UNS  0.019 0.005 100 <u>0.5</u> -	₩L chronic 5.0 126 Chronic TVS 0.75 0.011 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	acute acute 340  TVS TVS TVS TVS TVS TVS TVS TVS	chroni  100 TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS
esignation eviewable qualifiers: ther: Jranium(acu	Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS  0.019 0.005 100 <u>0.5</u> ⁻ 	WL chronic 5.0  126 chronic TVS 0.75 0.75 0.011 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	acute acute 340  TVS TVS TVS TVS TVS TVS TVS TVS	

COSPUS23	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<del>7.6<u>0.02-10</u> A</del>
Qualifiers:		рН	6.5 - 9.0		Beryllium		-
ish Ingestio	n Standards	chlorophyll a (ug/L)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
		Inorgai	nic (mg/L)		Chromium III	<del>TVS</del>	TVS
	88.7 (Marston Forebay).		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> ⁻	<u>Iron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<del>100<u>10</u></del>		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> ⁻	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

#### **UPPER SOUTH PLATTE RIVER SEGMENT 15**

#### Site-Specific Minimum Dissolved Oxygen and Ammonia Standards

**UNDERLYING STANDARDS** 

**Dissolved Oxygen** 

Early Life Stage Protection Period (April 1 through July 31)

1-Day^{1,5,6}_____3.0 mg/L (acute)

7-Day Average 1.2.,4 5.0 mg/L

Older Life Stage Protection Period (August 1 through March 31)

1-Day-^{1,5}______2.0 mg/L (acute)

7-Day Mean of Minimums^{1,3}2.5 mg/L

30-Day Average ^{1.2.} 4.5 mg/L

#### **TEMPORARY MODIFICATION**

During the period until October 31, 2001, the Segment 15 dissolved oxygen standards from 88th Avenue north to the end of the Segment shall be the currently existing ambient conditions as monitored in 1992, 1993, and 1994 by the Division and by the Metro District. Beginning November 1, 2001, the standards shall apply to all sections of Segment 15 south of the Brighton Ditch diversion. The standards north of the Brighton Ditch diversion shall continue to be the ambient conditions existing in 1992, 1993, and 1994. Beginning November 1, 2004, the standards shall apply to all sections of Segment 15.

Refer to Section 38(6)(4)(c) for Dissolved Oxygen assessment locations.

#### Footnotes

^{1.} For the purposes of determining compliance with the standards, dissolved oxygen measurements shall only be taken in the flowing portion of the stream at mid-depth, and at least six inches above the bottom of the channel. All sampling protocols and test procedures shall be in accordance with procedures and protocols approved by the Division.

A minimum of four independent daily means must be used to calculate the average for the 7-Day
Average standard. A minimum of eight independent daily means must be used to calculate the
average for the 30-Day Average standard. The four days and the eight days must be
epresentative of the 7-Day and the 30-Day periods respectively. The daily means shall be the
nean of the daily high and low values. In calculating the mean values, the dissolved oxygen
saturation value shall be used in place of any dissolved oxygen measurements which exceed
caturation.

3. The 7-Day Mean minimum is the average of the daily minimums measured at the location on each day during any 7-Day period.

North of the Lupton Bottoms Ditch diversion, the ELS 7-Day average standards for the period July
 1 – June 31 shall be 4.6 mg/L.

⁵ During a 24 hour day dissolved oxygen levels are likely to be lower during the nighttime when there is no photosynthesis. The dissolved oxygen levels should not drop below the acute standard (ELS acute standard of 3.0 mg/L or the OLS standards of 2.0 mg/L). However, if during the ELS period multiple measurements are below 3.0 mg/L during the same nighttime period, the multiple measurements shall be considered a single exceedance of the acute standard. For measurements below 2.0 mg/L during either the ELS or the OLS periods, each hourly measurement below 2.0 mg/L shall be considered an exceedance of the acute standards.

⁶ In July, the dissolved oxygen level in Segment 15 may be lower than the 3.0 mg/L acute standard for up to 14 exceedances in any one year and up to a total of 21 exceedances in three years before there is a determination that the acute dissolved oxygen standards is not being met. Exceedances shall be counted as described in Footnote 5.

Ammonia:

Early Life Stage Protection Period (April 1 through July 31)

Ammonia	Warm Water = (mg/l as N)Total
	$acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$
	$\frac{1}{1+10} \frac{1}{1+10} \frac{1}{1+10} \frac{2.487}{1+10} + \frac{1}{1+10} \frac{1}{1+10} \frac{1}{1+10} + \frac{1}{1+1$
	$\frac{chronic (Aug 1 - Mar 31)}{(1 + 10^{7.688 - pH} + 1 + 10^{pH - 7.688})} * 1.45 * 10^{0.028 * (25 - MAX(T, 7))}$

 $NH_3 = old TVS$ 

Warm Water Acute = 0.62/FT/FPH/2^(4 old) in mg/ (N)

COSPCH01	of Cherry Creek from the source of Eas	Physical and Biolo	,			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <u>21</u>	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 <mark>-10</mark> A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron		Inorganic (mg	g/L)		Chromium III		TVS
	te of 12/31/2024		acute	chronic	Chromium III(T)	50	
*chlorophyll a	(mg/m ² )(chronic) = applies only above	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).	Boron		0.75	Copper	TVS	TVS
	chronic) = effective 12/31/2020. bove the facilities listed at 38.5(4).	Chloride		250	Iron		WS
	te) = See 38.5(3) for details.	Chlorine	0.019	0.011	Iron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	-varies*
					Zinc	TVS	TVS
2. Cherry Cre	ek Reservoir.						
COSPCH02	Classifications	Physical and Biolo	gical		''	Metals (ug/L)	

COSPCH02	Classifications	Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C		WL	WL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)			5.0	Arsenic(T)		0.02
Qualifiers:		pН		6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)	7/1 - 9/30		18*	Cadmium	TVS	TVS
emporary Modification(s):		E. Coli (per 100 mL)			126	Cadmium(T)	5.0	
Arsenic(chron		Inorganic (mg/L)		Chromium III		TVS		
Expiration Dat	e of 12/31/2024			acute	chronic	Chromium III(T)	50	
chlorophyll a	(ug/L)(chronic) = Season mean	Ammonia		TVS	TVS	Chromium VI	TVS	TVS
oncentration	measured in the upper three meters	Boron			0.75	Copper	TVS	TVS
	blumn for the months of July through the an exceedance frequency of once	Chloride			250	Iron		WS
n five years.		Chlorine		0.019	0.011	lron(T)		1000
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$	Cyanide		0.005		Lead	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.	Nitrate		10		Lead(T)	50	
		Nitrite		<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus				Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate			WS	Molybdenum(T)		150
		Sulfide			0.002	Nickel	TVS	TVS
						Nickel(T)		100
						Selenium	TVS	TVS
						Silver	TVS	TVS
						Uranium	varies*	varies*
						Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

COSPCH03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	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 <mark>-10</mark> A
Qualifiers:		pН	6.5 - 9.0		Beryllium	_	
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni		Inorgan	ic (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	e) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	nic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
	<u> </u>	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	-varies*
					Zinc	TVS	TVS

COSPCH04A	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	Inorganic (mg	g/L)		Chromium III		TVS
	chronic) = effective $12/31/2020$ . bove the facilities listed at $38.5(4)$ .		acute	chronic	Chromium III(T)	50	
	(a) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		<u>1000</u>
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen DM = daily maximum

T = total recoverable t = total

tr = trout

	i Creek, including all tributaries and v	etlands, from the source to Cher	ry Creek Reservoir	r.			
COSPCH04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm <mark>21</mark>	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 <mark>-10</mark> ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*chlorophyll a (r the facilities liste	mg/m ² )(chronic) = applies only above ed at 38.5(4).	Inorgani	c (mg/L)		Chromium III		TVS
	nronic) = effective $12/31/2020$ . ove the facilities listed at $38.5(4)$ .		acute	chronic	Chromium III(T)	50	
	e) = See section 38.6(4)(i) for	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	ards and assessment locations. nic) = See section 38.6(4)(i) for	Boron		0.75	Copper	TVS	TVS
	ards and assessment locations.	Chloride		250	Iron		WS
*Uranium(acute	) = See 38.5(3) for details.	Chlorine	0.019	0.011	Iron(T)	<u></u>	<u>1000</u>
	hic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
Temporary Mod		Nitrate	10		Lead(T)	50	
Arsenic(chronic		Nitrite	<u>0.5</u> -	<del>0.5</del>	Manganese	TVS	TVS/WS
Expiration Date	<u>of 12/31/2024</u>	Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Cundo		0.002	Nickel(T)		100
					Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
5. Lakes and re	servoirs in the Cherry Creek system	from the source of East and Wes	t Cherry Creeks to	the confluen		_	
Segments 2 <u>. 6</u> a	—				1	· · ·	5
	Classifications	Physical and	-			Metals (ug/L)	
	Agriculture						
	0	-	DM	MWAT		acute	chronic
	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		chronic
F	Aq Life Warm 2 Recreation E			WL chronic	Arsenic	acute  340	
F	Aq Life Warm 2	D.O. (mg/L)	WL acute 	WL chronic 5.0	Arsenic Arsenic(T)		chronic  0.02- <del>10</del> A
F V Qualifiers:	Aq Life Warm 2 Recreation E Nater Supply	D.O. (mg/L) pH	WL	WL chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del>	 340 	  0.02- <del>10</del> ^A 
F V Qualifiers: <u>Water + Fish S</u>	Aq Life Warm 2 Recreation E Nater Supply	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute 	WL chronic 5.0	Arsenic Arsenic(T)	340	
F V Qualifiers:	Aq Life Warm 2 Recreation E Nater Supply	D.O. (mg/L) pH	WL acute  6.5 - 9.0	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340 	  0.02- <del>10</del> ^A 
F V Qualifiers: <u>Water + Fish S</u> Other:	Aq Life Warm 2 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute  6.5 - 9.0 	WL <b>chronic</b> 5.0  20*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	 0.02- <del>10</del> A  TVS
F Qualifiers: Water + Fish S Other: *chlorophyll a (u the facilities liste	Aq Life Warm 2 Recreation E Water Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute  6.5 - 9.0 	WL <b>chronic</b> 5.0  20*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS 5.0	 0.02- <del>10</del> A  TVS 
F           Qualifiers:           Water + Fish S           Other:           *chlorophyll a (u           the facilities liste and reservoirs list *Phosphorus(ch	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. pronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute  6.5 - 9.0   c (mg/L)	WL chronic 5.0  20* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0  50 TVS	 0.02- <del>10</del> A  TVS  TVS
F           Qualifiers:           Water + Fish S           Other:           *chlorophyll a (u           the facilities liste and reservoirs la           *Phosphorus(ch facilities listed a	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. ironic) = applies only above the at 38.5(4), 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 Cadmium(T) Chromium III Chromium III(T)	 340  TVS 5.0  50	 0.02- <del>10</del> A  TVS  TVS 
F           Qualifiers:           Water + Fish S           Other:           *chlorophyll a (u           the facilities liste and reservoirs la           *Phosphorus(ch facilities listed a reservoirs large	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. rronic) = applies only above the at 38.5(4), applies only to lakes and r 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)           acute           TVS	WL chronic 5.0  20* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0  50 TVS	 0.02- <del>10</del> A  TVS  TVS  TVS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. ironic) = applies only above the at 38.5(4), 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       T∨S	WL           chronic           5.0              20*           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS 5.0  50 TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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)       acute       TVS	WL           chronic           5.0              20*           126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS 5.0  50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS TVS WS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS 5.0  50 TVS TVS TVS 	 0.02-10 A  TVS  TVS  TVS TVS TVS WS 1000
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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.           C. (mg/L)           acute           TVS              0.019           0.005	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02-10 A  TVS  TVS  TVS TVS TVS WS 1000 TVS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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           10	₩L chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS 5.0  50 TVS TVS  TVS 50	 0.02-10 A  TVS  TVS  TVS TVS WS 1000 TVS 
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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 10 10 <u>0.5</u> ⁻	₩L Chronic 5.0 20* 126 Chronic Chronic 0.75 250 0.011 0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	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)         acute         TVS            0.019         0.005         10        0.5	WL       chronic       5.0       126       0.75       250       0.011          0.5       0.083*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01 <del>(t)</del>
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  10	WL           chronic           5.0           20*           126           0.75           0.75           0.011              0.05           0.083*           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> 150
F           Qualifiers:           Water + Fish S           Other:           *chlorophyll a (u           the facilities listed and reservoirs large reservoirs large           *Phosphorus(ch facilities listed a reservoirs large           *Uranium(acute	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  10	WL           chronic           5.0           20*           126           0.75           0.75           0.011              0.05           0.083*           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  10	WL           chronic           5.0           20*           126           0.75           0.75           0.011              0.05           0.083*           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100
Function         Function           Qualifiers:         Water + Fish S           Other:         *           *chlorophyll a (u         the facilities listed and reservoirs large and reservoirs large           *Phosphorus(ch facilities listed a reservoirs large         *           *Uranium(acute         *	Aq Life Warm 2 Recreation E Nater Supply tandards ug/L)(chronic) = applies only above ed at 38.5(4), applies only to lakes arger than 25 acres surface area. nronic) = applies only above the tt 38.5(4), applies only to lakes and r than 25 acres surface area. than 25 acres surface area. than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10  10	WL           chronic           5.0           20*           126           0.75           0.75           0.011              0.05           0.083*           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen DM = daily maximum

T = total recoverable t = total

tr = trout

COSPCH06	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
ish Ingestio	n Standards	рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	$\underline{\text{te}} = \underline{\text{See 38.5(3) for details.}}$	Inorgar	nic (mg/L)		Chromium III(T)		100
<u>Uranium(chro</u>	onic) = See 38.5(3) for details.		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(T)		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
7. Rueter-Hes							
COSPCH07	Classifications	Physical and			<u>!</u>	Metals (ug/L)	- transfer
Designation Reviewable	<u>Agriculture</u> Aq Life Warm 1	Temperature %C	DM	MWAT	Areania	acute	<u>chronic</u>
<u>(eviewabie</u>	Recreation E	Temperature °C	<u>WL</u> acute	<u>WL</u>	Arsenic Arsenic(T)	<u>340</u>	
	Water Supply	D.O. (mg/L)		<u>chronic</u>	Arsenic(T)	 T\/2	<u>0.02</u>
	DUWS	<u>pH</u>	<u></u> <u>6.5 - 9.0</u>	<u>5.0</u>	Cadmium	TVS	<u>TVS</u>
Qualifiers:		<u>chlorophyll a (ug/L)</u>		<u></u> - <u>20</u>	Cadmium(T) Chromium III	<u>5.0</u>	<u></u> <u>TVS</u>
Other:		E. Coli (per 100 mL)		<u>20</u> <u>126</u>	Chromium III(T)	 50	
						50	<u></u>
					Chromium )//	TVC	TVC
emporary M	lodification(s):		<u>iic (mg/L)</u>		Chromium VI	TVS	<u>TVS</u>
emporary M	ic) = hybrid	Inorgar	<u>iic (mg/L)</u> <u>acute</u>	chronic	<u>Copper</u>	<u>TVS</u>	TVS
emporary M		Inorgar Ammonia	<u>iic (mg/L)</u> <u>acute</u> <u>TVS</u>	<u>chronic</u> <u>TVS</u>	Copper Iron	<u>TVS</u>	<u>TVS</u> <u>WS</u>
emporary Marsenic(chron	ic) = hybrid	Ammonia Boron	<u>acute</u> <u>acute</u> <u>TVS</u> 	chronic TVS 0.75	Copper Iron Iron(T)	<u>TVS</u>  	<u>TVS</u> <u>WS</u> 1000
emporary M srsenic(chron expiration Dat Uranium(acu	ic) = hybrid te of 12/31/2024	Ammonia Boron Chloride	nic (mg/L) <u>acute</u> <u>TVS</u> 	<u>chronic</u> <u>TVS</u> 0.75 250	Copper Iron Iron(T) Lead	<u>TVS</u> == == <u>TVS</u>	<u>TVS</u> <u>WS</u> <u>1000</u> <u>TVS</u>
emporary M srsenic(chron expiration Date Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine	<u>iic (mg/L)</u> <u>acute</u> <u>TVS</u>  	<u>chronic</u> <u>TVS</u> 0.75 250 0.011	Copper Iron Iron(T) Lead Lead(T)	<u>TVS</u>   <u>TVS</u> 50	<u>TVS</u> <u>WS</u> <u>1000</u> <u>TVS</u> 
emporary M srsenic(chron expiration Date Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide	nic (mg/L) acute TVS   0.019 0.005	<u>chronic</u> TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese	<u>TVS</u>  <u>TVS</u> <u>50</u> <u>TVS</u>	<u>TVS</u> <u>WS</u> <u>1000</u> <u>TVS</u> <u></u> <u>TVS/WS</u>
emporary M rsenic(chron xpiration Dat Jranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate	nic (mg/L) acute TVS  0.019 0.005 10	<u>chronic</u> <u>TVS</u> 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	<u>TVS</u>  <u>TVS</u> <u>50</u> <u>TVS</u> 	TVS WS 1000 TVS  TVSWS 0.01
emporary M rsenic(chron xpiration Dat Jranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	tic (mg/L) acute <u>TVS</u> 	<u>chronic</u> TVS 0.75 250 0.011  	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	<u>TVS</u>  <u>TVS</u> <u>50</u> <u>TVS</u>  	TVS WS 1000 TVS  TVS/WS 0.01 150
emporary M srsenic(chron expiration Date Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) <u>acute</u> <u>TVS</u> <u></u> - <u></u> - <u>0.019</u> <u>0.005</u> <u>10</u> <u>0.5</u> <u></u> -	chronic TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	<u>TVS</u>  <u>TVS</u> <u>50</u> <u>TVS</u>  <u>TVS</u>	TVS WS 1000 TVS  TVS/WS 0.01 150 TVS
emporary M srsenic(chron expiration Dat Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS   0.019 0.005 10 0.5   	chronic TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	<u>TVS</u>  <u>TVS</u> <u>50</u> <u>TVS</u>  <u>TVS</u>  <u>TVS</u> 	TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100
emporary M srsenic(chron expiration Date Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) <u>acute</u> <u>TVS</u> <u></u> - <u></u> - <u>0.019</u> <u>0.005</u> <u>10</u> <u>0.5</u> <u></u> -	chronic TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	<u>IVS</u>  <u>IVS</u> <u>50</u> <u>IVS</u>  <u>TVS</u>  <u>IVS</u>	TVS WS 1000 TVS TVSWS 0.01 150 TVS 100 TVS
emporary M srsenic(chron expiration Dat Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS   0.019 0.005 10 0.5   	chronic TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	<u>TVS</u> TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS 100 TVS
Temporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS   0.019 0.005 10 0.5    	chronic TVS 0.75 250 0.011 	Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	<u>IVS</u>  <u>IVS</u> <u>50</u> <u>IVS</u>  <u>TVS</u>  <u>IVS</u>	TVS WS 1000 TVS TVSWS 0.01 150 TVS 100 TVS

tr = trout

D.O. = dissolved oxygen

DM = daily maximum

1a. Mainstem	of bear Creek from the boundary of	the Mt. Evans Wilderness area to t	he inlet of Evergree	n Lake.			
COSPBE01A Classifications		Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary Modification(s):		chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2024					Chromium III(T)	50	
*chlorophyll a (mg/m ² )(chronic) = applies only above the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 38.5(4).		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
Tacilities listed at 38.5(4). <u>*Uranium(acute) = See 38.5(3) for details.</u>		Boron		0.75	Iron(T)		1000
*Uranium(chronic) = See 38.5(3) for details.		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	0.05 -	<del>0.05</del>	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Gamac		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
					2010	1.48	110
1b. Mainstem	of Bear Creek from Harriman Ditch	to the inlet of Bear Creek Reservoir					
	of Bear Creek from Harriman Ditch Classifications	to the inlet of Bear Creek Reservoir Physical and				Metals (ug/L)	
COSPBE01B	1			MWAT		Metals (ug/L) acute	chronic
COSPBE01B	Classifications		Biological DM	MWAT CS-II <u>varies*</u>	Aluminum		chronic
COSPBE01B Designation	Classifications Agriculture	Physical and	Biological DM		Aluminum Arsenic		chronic 
COSPBE01B Designation	Classifications Agriculture Aq Life Cold 2 <u>1</u>	Physical and Temperature °C 11/1-3/31	Biological DM <del>CS-II<u>varies*</u> C</del>	CS-II <u>varies*</u>		acute	-
COSPBE01B Designation	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E	Physical and Temperature °C 11/1-3/31	Biological DM <del>CS-II<u>varies*</u> C</del>	CS-II <u>varies*</u>	Arsenic	acute  340	
COSPBE01B Designation Reviewable	Classifications Agriculture Aq Life Cold <u>21</u> Recreation E Water Supply	Physical and Temperature °C 11/1-3/31	Biological DM CS-IIvaries* CS-II	<del>CS-II<u>varies*</u> 19.3</del>	Arsenic Arsenic(T)	acute  340 	 0.02
COSPBE01B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold <u>21</u> Recreation E Water Supply	Physical and Temperature °C <u>11/1 - 3/31</u> Temperature °C 4/1 - 10/31	Biological DM CS-IIvaries* CS-II	CS-II <u>varies*</u> <del>19.3</del> chronic	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340 	 0.02
COSPBE01B Designation Reviewable Qualifiers: Water + Fish S Other:	Classifications Agriculture Aq Life Cold <u>21</u> Recreation E Water Supply Standards	Physical and Temperature °C <u>41/1 - 3/31</u> Temperature °C <u>4/1 - 10/31</u> D.O. (mg/L)	Biological DM <u>CS-IIvaries*</u> CS-II acute 	CS-Il <u>varies*</u> 19.3 Chronic 6.0	Arsenic Arsenic(T) <del>Beryllium</del>	acute  340  TVS	 0.02  TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s):	Physical and       Temperature °C     11/1 - 3/31       Temperature °C     4/1 - 10/31       D.O. (mg/L)     D.O. (spawning)	Biological DM CS-IIvaries* CS-II acute 	CS-Ilvaries*           19.3           chronic           6.0           7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	 0.02 TVS 
COSPBE01B Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s):	Physical and       Temperature °C     11/1 - 3/31       Temperature °C     4/1 - 10/31       D.O. (mg/L)     D.O. (spawning)       pH     1	Biological DM CS-IIvaries* CS-II acute 	CS-Ilvaries* 19.3 Chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02 TVS 
COSPBE01B Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni Expiration Date	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM <u>CS-IIvaries*</u> <del>CS-II</del> acute  6.5 - 9.0 	CS-Ilvaries* 19.3 Chronic 6.0 7.0  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-IIvaries* C CS-II acute  6.5 - 9.0  	CS-Ilvaries* 19.3 Chronic 6.0 7.0  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-IIvaries* C CS-II acute  6.5 - 9.0  	CS-Ilvaries* 19.3 Chronic 6.0 7.0  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II/varies* CS-II acute  6.5 - 9.0   c (mg/L)	Chronic           6.0           7.0              126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details. pinic) = See 38.5(3) for details.	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani	Biological DM <u>CS-IIvaries*</u> <u>CS-II</u> acute  6.5 - 9.0   c (mg/L) acute	CS-IIvaries* 19.3 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)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-IIvaries* C CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	CS-IIvaries* 19.3 Chronic 6.0 7.0  126 Chronic T∨S	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 – 3/31         Temperature °C       4/1 – 10/31         D.O. (mg/L)       D.O. (spawning)         pH       chlorophyll a (mg/m²)         E. Coli (per 100 mL)       Inorgani         Ammonia       Boron	Biological DM CS-II/varies* C CS-II acute  6.5 - 9.0  c (mg/L) C(mg/L) 	CS-IIvaries* 19.3 Chronic 6.0 7.0  126 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-II/varies* ( CS-II acute   ( 6.5 - 9.0  ( (mg/L) c (mg/L) c (mg/L)  C (mg/L)	CS-IIvaries* 19.3 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)	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and Temperature °C 11/1 - 3/31 Temperature °C 4/1 - 10/31 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II/varies* ( CS-II acute   ( 6.5 - 9.0)  ( C (mg/L) acute TVS  C (mg/L)  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  ( 	CS-IIvaries* 19.3 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(T) Molybdenum(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS   	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del>
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 - 3/31         Temperature °C       4/1 - 10/31         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-IIvaries* ( CS-II acute  6.5 - 9.0  (mg/L) c (mg/L) C (mg/L)  C (mg/L)   0.019 0.005 10	CS-IIvaries* 19.3 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(T) Nickel	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 - 3/31         Temperature °C       4/1 - 10/31         D.O. (mg/L)       D.O. (spawning)         pH       chlorophyll a (mg/m²)         E. Coli (per 100 mL)       Inorgani         Ammonia       Boron         Chloride       Chloride         Chlorite       Vanide         Nitrate       Nitrite	Biological DM CS-II/varies* ( CS-II acute ( ( ( c (mg/L) c (mg	CS-IIvaries* 19.3  chronic 6.0 7.0 7.0 126 126  chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS 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 WS 1000 TVS WS 1000 TVS WS 1000 TVS/WS 0.01( <del>+)</del> 150 TVS 100
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 - 3/31         Temperature °C       4/1 - 10/31         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-IIvaries* (CS-II CS-II acute  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II 	Chronic 6.0 7.0 7.0  126 Chronic Chronic TVS 0.75 250 0.011  0.05 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 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 50 TVS  TVS 50 TVS  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   TVS    TVS    TVS    TVS   TVS       TVS     TVS     TVS     TVS    TVS    TVS    TVS     TVS    TVS    TVS	 0.02 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01 <del>(1)</del> 150 TVS 1000 TVS
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 - 3/31         Temperature °C       4/1 - 10/31         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       Sulfate	Biological DM CS-II/varies* ( CS-II acute  ( 6.5 - 9.0)  ( 6.5 - 9.0)  ( 6.5 - 9.0)  ( 6.5 - 9.0)  ( 6.5 - 9.0)  ( 6.5 - 9.0)  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  (  ( 	CS-IIvaries* 19.3 Chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  0.05  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02 0.02 TVS 0.02 0.02 0.02 0.02 0.01 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0
COSPBE01B Designation Reviewable Qualifiers: Water + Fish : Other: Temporary Ma Arsenic(chroni Expiration Dat *Uranium(acut *Uranium(chro *Temperature DM=CS-II and	Classifications Agriculture Aq Life Cold 2 <u>1</u> Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details. pinc) = See 38.5(3) for details. =	Physical and         Temperature °C       11/1 - 3/31         Temperature °C       4/1 - 10/31         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-IIvaries* (CS-II CS-II acute  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II  (CS-II 	Chronic 6.0 7.0 7.0  126 Chronic Chronic TVS 0.75 250 0.011  0.05 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 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 50 TVS  TVS 50 TVS  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   TVS    TVS    TVS    TVS   TVS       TVS     TVS     TVS     TVS    TVS    TVS    TVS    TVS    TVS   TVS   TVS	 0.02 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01 <del>(1)</del> 150 TVS 1000 TVS

1c. Bear Cree	k Reservoir.					-		
COSPBE01C	Classifications	Ph	nysical and E	Biological		М	letals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<del>1/1 - 3/31</del>	CLL <u>varies*</u>	CLL-varies*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	<del>23.3</del>	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acut	e chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Temporary M	odification(s):	D.O. (mg/L) D.O. (spawning)			7.0	Cadmium(T)	5.0	
Arsenic(chron		pH		6.5 - 9		Chromium III		TVS
Expiration Dat	e of 12/31/2024	pn chlorophyll a (ug/L)	7/1 - 9		.0 12.2*	Chromium III(T)	50	
*chlorophyll a	(ug/L)(chronic) = mean concentration	E. Coli (per 100 mL)			12.2	Chromium VI	TVS	TVS
measured thro	bugh collection of samples that are	E. Coli (per 100 mL)			120	Copper	TVS	TVS
	of the mixed layer during summer August, September) and with an					Iron		WS
exceedance fr	equency of once in five years.		Inorganic	,		Iron(T)		1000
	chronic) = mean concentration hugh collection of samples that are			acut		Lead	TVS	TVS
	of the mixed layer during summer August, September) and with an	Ammonia		TVS	TVS	Lead(T)	50	
	equency of once in five years.	Boron			0.75	Manganese	TVS	TVS/WS
*Uranium(acut	e) = See 38.5(3) for details.	Chloride			250	Mercury <u>(T)</u>		0.01 <del>(t)</del>
	nic) = See 38.5(3) for details.	Chlorine		0.019	0.011	Molybdenum(T)		150
*Temperature DM=CLL and	<u>=</u> MWAT=CLL from <u>1/1-3/3</u> 1	Cyanide		0.005		Nickel	TVS	TVS
	MWAT= 23.3 from 4/1-12/31	Nitrate		10		Nickel(T)		100
		Nitrite		<u>0.05</u>		Selenium	TVS	TVS
		Phosphorus	7/1 - 9	9/30	22.2*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium	varies*	varies*
		Sulfide			0.002	Zinc	TVS	TVS

1d. Evergreen	Lake.						
COSPBE01D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
	e) = See 38.5(3) for details.				Chromium III(T)	50	
*Uranium(chro	nic) = See 38.5(3) for details.	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

1e. Mainstem			an Bitein					
COSPBE01E	Classifications	Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<del>11/1 - 3/31</del>	<del>CS-</del> <del>Il</del> varies*	<del>CS-</del>	Aluminum	-	-
	Recreation E	Temperature °C	4/1 - 10/31	CS-II	Hvaries*	Arsenic	340	
	Water Supply		10/01	0011	10.0	Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium	_	
Other:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Temporary Mo	odification(s):	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	pH		6.5 - 9.0		Chromium III		TVS
Expiration Date	te of 12/31/2024	chlorophyll a (mg/m ² )				Chromium III(T)	50	
*I Iranium(acut	te) = See 38.5(3) for details.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
	$rac{1}{2}$ = See 38.5(3) for details.				120	Copper	TVS	TVS
*Temperature	=		Inorganic (mg	a		Iron		WS
DM=CS-II and	MWAT=CS-II from 11/1-3/3 MWAT= 19.3 from 4/1-10/31		morganic (mg		ahrania	lron(T)		1000
Divi=CO-II anu	1 WWAT = 19.3 1011 4/1-10/31	Ammonio		acute TVS	chronic TVS	Lead	TVS	TVS
		Ammonia				Lead(T)	50	
		Boron			0.75	Manganese	TVS	TVS/WS
		Chloride			250	Mercury(T)		0.01 <del>(t)</del>
		Chlorine		0.019	0.011	Molybdenum(T)		150
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel(T)		100
		Nitrite		<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Selenium	TVS	TVS
		Phosphorus				Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium	varies*	varies*
		Sulfide			0.002	Zinc	TVS	TVS
2 Mainstem o								
E. Mainotonn o	t Bear ( :reek from the outlet of Be		nfluence with th	e South Pla	atte River			
	If Bear Creek from the outlet of Bear Classifications		nfluence with th cal and Biolog		tte River.		Metals (ug/L)	
COSPBE02					tte River.		Metals (ug/L) acute	chronic
COSPBE02	Classifications			ical		Aluminum		chronic
COSPBE02 Designation	Classifications Agriculture	Physi		ical DM	MWAT	Aluminum Arsenic		chronic 
COSPBE02 Designation	Classifications Agriculture Aq Life Warm 1	Physi		ical DM WS-II	MWAT WS-II	_	acute	-
COSPBE02 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Physi Temperature °C		ical DM WS-II acute	MWAT WS-II chronic	Arsenic	acute  340	
COSPBE02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physi Temperature °C D.O. (mg/L)		ical DM WS-II acute 	MWAT WS-II chronic 5.0	Arsenic Arsenic(T)	acute  340 	
COSPBE02 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH		ical DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340 	 0.02 
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physi       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	cal and Biolog	ical DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS	 0.02  TVS 
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Physi       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  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0	 0.02  TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Date	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024	Physi       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	cal and Biolog	ical DM WS-II acute 6.5 - 9.0   /L acute	MWAT WS-II chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Ammonia	cal and Biolog	ical DM WS-II acute  6.5 - 9.0   	MWAT WS-II chronic 5.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340  TVS 5.0 	 0.02  TVS  TVS 
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024	Physi       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Ammonia       Boron	cal and Biolog	ical DM WS-II acute  6.5 - 9.0  (L) acute TVS 	MWAT WS-II chronic 5.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS TVS TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride	cal and Biolog	ical DM WS-II acute  6.5 - 9.0   ( 2 /L) acute TVS 	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS TVS TVS WS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  7 7 7 7 7 7 7-	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (   (  (   (   (  (  () ( () ( () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () ()	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS TVS TVS VS 1000 TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	cal and Biolog	ical DM WS-II acute  6.5 - 9.0    tu  TVS  0.019 0.005 10	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50	 0.02  TVS  TVS TVS TVS WS 1000
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (   (    0.019 0.005 10 <u>0.5</u> -	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS  TVS WS 1000 TVS  TVSWS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  7 7 7 7 7 7 7-	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del>
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (  ( ( 0.019 0.005 10 0.5 -  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+)</del> 150
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  7 7 7 7 7 7 7-	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01( <del>+</del> ) 150 TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (  ( ( 0.019 0.005 10 0.5 -  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS   TVS 50 TVS   TVS 50 TVS    TVS        -	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (  ( ( 0.019 0.005 10 0.5 -  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute  340  TVS 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 50 TVS  TVS 50 TVS  TVS 50 TVS  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  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  TVS	 0.02 TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(+) 150 TVS 100 TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (  ( ( 0.019 0.005 10 0.5 -  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS	 0.02 TVS TVS TVS WS 1000 TVS WS 0.01( <del>+)</del> 150 TVS 100 TVS 100 TVS 0.01( <del>+)</del> 150 TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physi         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biolog	ical DM WS-II acute 6.5 - 9.0  (  ( ( 0.019 0.005 10 0.5 -  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute  340  TVS 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 50 TVS  TVS 50 TVS  TVS 50 TVS  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  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  TVS	 0.02 TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(+) 150 TVS 100 TVS

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

	es to Bear Creek, including all wetlands		-	<del>veehi</del> ' evceh			
COSPBE03	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	-	
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*chlorophyll a	(mg/m ² )(chronic) = applies only above	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the $at 385(4)$	Ammonia	TVS	TVS	Iron		WS
	te) = See $38.5(3)$ for details.	Boron		0.75	Iron(T)		1000
Uranium(chro	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	-varies*	varies*
					Zinc	TVS	TVS
<mark>1a<u>4</u>. All tributa 6a, and 6b.</mark>	aries to Bear Creek, including all wetlar	ds, from the outlet of Evergreen I	ake to the conflue	nce with the	South Platte River, except	for specific listings in	i Segments 5,
COSPBE04A	COSPBE04 Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Nater + Fish	Standards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	adification (a):	, , , , , , , , , , , , , , , , , , ,	ic (mg/L)		Chromium III		TVS
	odification(s):	morgan				50	

Arsenic(chroni Expiration Dat

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	pri	0.0 0.0		Dorymann		
h Standards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Modification(s):	Inorganic (mg/l	_)		Chromium III		TVS
nic) = hybrid		acute	chronic	Chromium III(T)	50	
ate of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
ute) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
ronic) = See 38.5(3) for details.	Chloride		250	Iron		WS
·····	Chlorine	0.019	0.011	Iron(T)		1000
	Cyanide	0.005		Lead	TVS	TVS
	Nitrate	10		Lead(T)	50	
	Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
	Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
	Sulfate		WS	Molybdenum(T)		150
	Sulfide		0.002	Nickel	TVS	TVS
				Nickel(T)		100
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium	-varies*	varies*
				Zinc	TVS	TVS

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

4b. Deleted.				
COSPBE04B Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute	chronic
Reviewable				
Qualifiers:	acute	chronic		
Other:	_			
	Inorganic (mg/L)			
	acute	chronic		
4 <del>c. Deleted.</del>				
4c. Deleted.           COSPBE04C         Classifications	Physical and Biological		Metals (ug/L)	
	Physical and Biological DM	MWAT	Metals (ug/L) acute	chronic
COSPBE04C Classifications		MWAT		chronic
COSPBE04C Classifications Designation		MWAT chronic		<del>chronic</del>
COSPBE04C Classifications Designation Reviewable	DM			<del>chronic</del>
COSPBE04C Classifications Designation Reviewable Qualifiers:	DM			chronic
COSPBE04C Classifications Designation Reviewable Qualifiers:	DM acute			chronic

5. Swede, Ker	r, cammin, rreasiecerne, and cela ep	ings Oulches, and mainstern of v			le confidence with Dear Cre		
COSPBE05	Classifications	Physical and I	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		
Water + Fish	Standards	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni					Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
*chlorophyll a	(mg/m ² )(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
the facilities lis	sted at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
*Phosphorus( facilities listed	chronic) = applies only above the at 38 5(4)	Boron		0.75	lron(T)		1000
	te) = See $38.5(3)$ for details.	Chloride		250	Lead	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus	<u></u>	0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Silver	173	103(0)
					L Ironium		veries*
					Uranium	 Vorioo*	<u>varies*</u>
6a. Turkay Cr	ook system including all tributaries an	d wetlands from the source to the	a inlet of Bear Cred	k Reservoir	Zinc	TVS	<u>varies*</u> TVS
	eek system, including all tributaries and Classifications			ek Reservoir,	Zinc except for <del>specific l</del> istings i	TVS	
		d wetlands, from the source to the Physical and I		ek Reservoir, MWAT	Zinc except for <del>specific l</del> istings i	TVS	
COSPBE06A	Classifications	Physical and I	Biological		Zinc except for <del>specific l</del> istings i	TVS in Segment 6b. //etals (ug/L)	TVS
COSPBE06A Designation	Classifications Agriculture		Biological DM	MWAT	Zinc except for <del>specific</del> listings i N	TVS in Segment 6b. //etals (ug/L)	TVS
COSPBE06A Designation	Classifications Agriculture Aq Life Cold 2	Physical and I	Biological DM CS-II	MWAT CS-II	Zinc except for <del>specific l</del> istings i N Aluminum Arsenic	TVS in Segment 6b. Metals (ug/L) acute	TVS
COSPBE06A Designation	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Zinc except for specific listings i N Aluminum Arsenic Arsenic(T)	TVS in Segment 6b. //etals (ug/L) acute  340	TVS chronic
COSPBE06A Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic	Zinc except for specific listings in N Aluminum Arsenic Arsenic(T) Beryllium	TVS in Segment 6b. Metals (ug/L) acute 340 	TVS chronic  0.02 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0 	Zinc except for specific listings in N Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS in Segment 6b. Metals (ug/L) acute 340  TVS	TVS chronic  0.02
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150*	Zinc except for specific listings i N Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS in Segment 6b. Metals (ug/L) acute 340  TVS 5.0	TVS chronic  0.02  TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s):	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 except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Vorient*           TVS           in Segment 6b.           Metals (ug/L)           acute              340              TVS           5.0	TVS chronic  0.02 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards 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)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150*	Zinc except for specific listings i N Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS           in Segment 6b.           Metals (ug/L)           acute              340              TVS           50	TVS chronic  0.02  TVS  TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0  150* 126	Zinc except for specific listings in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS in Segment 6b. Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) 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 except for specific-listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS in Segment 6b. Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(or	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150* 126 t26 chronic TVS	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Vorient* TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              TVS           5.0              50           TVS           SUBJECT           400              340              TVS           5.0              50           TVS           TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	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) CS TVS 	MWAT CS-II chronic 6.0 7.0  150* 126  chronic TVS 0.75	Zinc except for specific listings in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           50           TVS           30                          50           TVS           TVS	TVS chronic  0.02  TVS  TVS TVS TVS VS WS 1000
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and f Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250	Zinc except for specific-listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS in Segment 6b. Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4).	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  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	Zinc except for specific-listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           TVS           50           TVS           TVS           50           TVS           TVS           TVS           50           TVS           50           TVS           50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT           CS-II           chronic           6.0           7.0              150*           126           chronic           TVS           0.75           250           0.011	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              340              50           TVS	TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	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	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011  	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              340              340              50           TVS	TVS chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(#)
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and f Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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 10  10 	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011 0.05	Zinc except for specific-listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              50           TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus(of facilities listed	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and f 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  6.5 - 9.0  0.01 0.005 10	MWAT           CS-II           chronic           6.0           7.0           126           126           Chronic           126           0.01           0.75           250           0.011              0.05           0.05           0.11*	Zinc except for specific-listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS           in Segment 6b.           Metals (ug/L)           acute           340              340              50           TVS	TVS  chronic
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed *Uranium(acut	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute   6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT           CS-II           chronic           6.0           7.0           126           120*           126           0.75           250           0.011              0.05           0.11*           WS	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	TVS         in Segment 6b.         Metals (ug/L)         acute         340            340            340            50         TVS            TVS            TVS            TVS	TVS  chronic  0.02 TVS T
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed *Uranium(acut	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and f 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  6.5 - 9.0  0.01 0.005 10  10   10  10   0.01  10                                                                                                                                                           	MWAT           CS-II           chronic           6.0           7.0           126           126           Chronic           126           0.01           0.75           250           0.011              0.05           0.05           0.11*	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS           in Segment 6b.           Aetals (ug/L)           acute           340              340              340              340              50           TVS              TVS              TVS              TVS	TVS chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+</del> ) 150 TVS 1000 TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed *Uranium(acut	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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  0.01 0.005 10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10   10  10   10   10                                                          	MWAT           CS-II           chronic           6.0           7.0           126           120*           126           0.75           250           0.011              0.05           0.11*           WS	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	TVS         in Segment 6b.         Metals (ug/L)         acute         340            340            340            50         TVS            TVS            TVS            TVS	TVS  chronic  0.02 TVS T
COSPBE06A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(of facilities listed *Uranium(acut	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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  0.01 0.005 10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10  10   10  10   10   10                                                          	MWAT           CS-II           chronic           6.0           7.0           126           120*           126           0.75           250           0.011              0.05           0.11*           WS	Zinc except for specific listings i Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS           in Segment 6b.           Aetals (ug/L)           acute           340              340              340              340              50           TVS              TVS              TVS              TVS	TVS chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+</del> ) 150 TVS 1000 TVS

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

6b. Mainstem	-				1		
COSPBE06B	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	TVS
Temporary M	odification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2024				Chromium III(T)	50	
*Lironium(oout	to) - Soo 28 E(2) for dotaile	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$		acute	chronic	Copper	TVS	TVS
	J(10) = 3ee 30.3(3) 101 details.	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Guinde		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
7. Mainstem a	and all tributaries to Bear Creek. in	cluding wetlands, within the Mt. Evan	ns Wilderness Area		Zinc	TVS	TVS
7. Mainstem a	and all tributaries to Bear Creek, in Classifications	cluding wetlands, within the Mt. Evar Physical and			Zinc		
COSPBE07				MWAT	Zinc	TVS	
COSPBE07 Designation	Classifications		Biological		Zinc	TVS	TVS
COSPBE07 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc	TVS	TVS
COSPBE07 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Zinc Aluminum	TVS Metals (ug/L) acute	TVS chronic
COSPBE07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute 340	TVS chronic
COSPBE07 Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-I acute 	MWAT CS-I chronic 6.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	TVS chronic  0.02
COSPBE07 Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340  TVS	TVS chronic  0.02 TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0  150	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340  TVS 5.0	TVS chronic  0.02  TVS 
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS 5.0 	TVS chronic  0.02  TVS  TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0   tic (mg/L)	MWAT CS-I chronic 6.0 7.0  150 126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS  TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute T∨S	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 340 5.0 50 TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS TVS WS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute  6.5 - 9.0  control (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	TVS chronic  0.02  TVS  TVS  TVS VS VS WS 1000
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute  6.5 - 9.0  cr. ic (mg/L) acute T∨S  	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS  Metals (ug/L)  acute  340   TVS  5.0   50  TVS  TVS  TVS   TVS  TVS  TVS   TVS	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250 0.011	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 340 TVS 5.0 50 TVS 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-1 acute  6.5 - 9.0  () c (mg/L) acute T∨S  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium 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 5.0 TVS TVS TVS TVS TVS 50 TVS	TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate	Biological DM CS-1 acute  6.5 - 9.0  () c(mg/L) ic (mg/L) acute T∨S  0.019 0.005 10	MWAT           CS-I           chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute acute 340 340 TVS 5.0 50 TVS TVS TVS TVS TVS 50 TV	TVS Chronic
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorite         Cyanide         Nitrate         Nitrite	Biological DM CS-1 acute   6.5 - 9.0  c.m CS-  0.5  0.019 0.005 10  0.019 0.005 10	MWAT CS-I Chronic 6.0 7.0 120 120 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Zinc	TVS  Metals (ug/L)  Acute  Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute A	TVS chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01( <del>+</del> ) 150
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	Biological DM CS-1 acute  6.5 - 9.0  () c(mg/L) ic (mg/L) acute T∨S  0.019 0.005 10	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.126           0.075           250           0.011              0.05           0.11	Zinc Zinc	TVS       Metals (ug/L)       acute       340          340          50       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS          TVS          TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-1 acute   6.5 - 9.0  c.m CS-  0.5  0.019 0.005 10  0.019 0.005 10	MWAT CS-I Chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.011 WS	Zinc Zinc	TVS Metals (ug/L) acute	TVS  Chronic
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	Biological DM CS-I acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10  0.05 - 10	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.126           0.075           250           0.011              0.05           0.11	Zinc Zinc	TVS       Metals (ug/L)       acute       340          340          50       TVS       50       TVS       50       TVS       50       TVS       50       TVS       50       TVS          TVS          TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-I acute  6.5 - 9.0  () () c(mg/L) acute TVS  0.019 0.005 10  10  0.05 ⁻ 	MWAT CS-I Chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.011 WS	Zinc Zinc	TVS Metals (ug/L) acute	TVS  Chronic
COSPBE07 Designation OW Qualifiers: Other: *Uranium(acut *Uranium(chrc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-I acute  6.5 - 9.0  () () c(mg/L) acute TVS  0.019 0.005 10  10  0.05 ⁻ 	MWAT CS-I Chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.011 WS	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute	TVS  Chronic

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

8. Lakes and I	······································	m the sources to the boundary of		nucinicos urc	u.		
COSPBE08	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WO	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	TVS
*ablaranbull a	(un/l) (chronic) condition only to loke	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and per than 25 acres surface area.				Chromium III(T)	50	
	te) = See $38.5(3)$ for details.	Inorganie	c (mg/L)		Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	aries*	aries*
					o rainain	anes	
					Zinc	TVS	TVS
9. Lakes and I	reservoirs in the Bear Creek system fro	m the boundary of the Mt. Evans	Wilderness area	to the inlet of	Zinc	TVS	
9. Lakes and I	reservoirs in the Bear Creek system fro	m the boundary of the Mt. Evans Physical and E		to the inlet of	Zinc	TVS	
	1	-		to the inlet of MWAT	Zinc	TVS Summit Lake.	
COSPBE09	Classifications Agriculture Aq Life Cold 1	-	Biological		Zinc	TVS Summit Lake. Metals (ug/L)	TVS
COSPBE09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and E	Biological DM	MWAT	Zinc Evergreen Lake; includes	TVS Summit Lake. Metals (ug/L)	TVS
COSPBE09 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and E	Biological DM CL	MWAT CL	Zinc Evergreen Lake; includes Aluminum	TVS Summit Lake. Metals (ug/L) acute	TVS chronic
COSPBE09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and E	Biological DM CL acute	MWAT CL chronic	Zinc Evergreen Lake; includes Aluminum Arsenic	TVS Summit Lake. Metals (ug/L) acute 340	TVS chronic
COSPBE09 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and E Temperature °C D.O. (mg/L)	Biological DM CL acute 	MWAT CL chronic 6.0	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T)	TVS Summit Lake. Metals (ug/L) acute 340 	TVS chronic  0.02
COSPBE09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute 	MWAT CL chronic 6.0 7.0	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium	TVS Summit Lake. Metals (ug/L) acute 340 	TVS chronic  0.02
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Summit Lake. Metals (ug/L) acute 340  TVS	TVS chronic  0.02
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0  8*	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Summit Lake. Metals (ug/L) acute 340  TVS 5.0	TVS chronic  0.02  TVS 
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities listed facilities listed	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Summit Lake. Metals (ug/L) acute 340  340  5.0 5.0	TVS chronic  0.02  TVS 
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities list and reservoirs *Phosphorus(r facilities listed reservoirs larg	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0  c (mg/L)	MWAT CL chronic 6.0 7.0  8* 126	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	Biological DM CL acute  6.5 - 9.0  c (mg/L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Summit Lake. Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	Biological DM CL acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126 kronic TVS	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS Summit Lake. Metals (ug/L) acute 340  340  50 TVS 5.0  50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS TVS WS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	Biological DM CL acute  6.5 - 9.0  c (mg/L) 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	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride	Biological DM CL acute   6.5 - 9.0  c (mg/L) acute TVS  	MWAT CL chronic 6.0 7.0  8* 126 * 126 chronic TVS 0.75 250	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	Biological DM CL acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT CL chronic 6.0 7.0  8* 126	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0   0.019 0.005	MWAT CL chronic 6.0 7.0  8* 126 8* 126 Chronic TVS 0.75 250 0.011 	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Summit Lake. Metals (ug/L) acute acute 340 340 50 TVS 50 TVS TVS TVS TVS TVS 50 TVS	TVS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate	Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  c. (mg/L) c (mg/L) acute T∨S  0.019 0.005 10	MWAT CL chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011 	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Summit Lake. Metals (ug/L) acute	TVS  Chronic
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL acute   6.5 - 9.0  c (mg/L) c (mg/L) c (mg/L)  0.019 0.005 10  10 	MWAT CL chronic 6.0 7.0 4 2.0 6 0 0 0 0 0 0 0 0 0 0 0 0 0	Zinc Evergreen Lake; includes 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(T) Molybdenum(T)	TVS Summit Lake. Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS  	TVS chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01 <del>(t)</del> 150
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10  10    10   0.01  10                                                                                                                                              	MWAT CL chronic 6.0 7.0  8* 126  0.05  0.025*	Zinc Evergreen Lake; includes 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(T) Molybdenum(T) Nickel	TVS Summit Lake. Metals (ug/L) acute	TVS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.0 0.0 0.005 10  10   10    0.0  10                                                                                                                                          	MWAT CL chronic 6.0 7.0 4.2 8* 126 0.0 Chronic TVS 0.75 250 0.011 0.011 0.011 0.05 0.011 0.025* WS	Zinc Evergreen Lake; includes 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(T) Nickel Nickel(T)	TVS Summit Lake. Metals (ug/L) acute	TVS
COSPBE09 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus( facilities listed reservoirs larg *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CL acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.0 0.0 0.005 10  10   10    0.0  10                                                                                                                                          	MWAT CL chronic 6.0 7.0 4.2 8* 126 0.0 Chronic TVS 0.75 250 0.011 0.011 0.011 0.05 0.011 0.025* WS	Zinc Evergreen Lake; includes Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Summit Lake. Metals (ug/L) acute	TVS

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

10. Lakes and				· · ·			
COSPBE10	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
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	рH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$				Chromium III(T)	50	
*Uranium(chro	onic) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
							varies*
					Uranium	varies*	Valles
					Zinc	TVS	TVS
Segments 1c,	reservoirs in the Bear Creek syste 10, and 12; includes Soda Lakes.	em from the outlet of Evergreen Lake	e to the confluence	with the Sout	Zinc th Platte River, except <del>as s</del>	TVS	TVS
Segments 1c, COSPBE11	10, and 12; includes Soda Lakes. Classifications	em from the outlet of Evergreen Lake	Biological		Zinc th Platte River, except <del>as s</del>	TVS specified <u>for lakes and</u> Metals (ug/L)	TVS reservoirs in
Segments 1c, COSPBE11 Designation	10, and 12; includes Soda Lakes. Classifications Agriculture		Biological DM	MWAT	Zinc th Platte River, except <del>as s</del>	TVS	TVS
Segments 1c, COSPBE11	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2		Biological DM WL	MWAT WL	Zinc th Platte River, except <del>as c</del> Aluminum	TVS specifiedfor lakes and Metals (ug/L) acute	TVS reservoirs in
Segments 1c, COSPBE11 Designation	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM	MWAT WL chronic	Zinc th Platte River, except <del>as s</del>	TVS specified <u>for lakes and</u> Metals (ug/L)	TVS reservoirs in
Segments 1c, COSPBE11 Designation Reviewable	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WL acute 	MWAT WL	Zinc th Platte River, except as s Aluminum Arsenic Arsenic(T)	TVS specifiedfor lakes and Metals (ug/L) acute	TVS reservoirs in chronic
Segments 1c, COSPBE11 Designation Reviewable Qualifiers:	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       pH	Biological DM WL acute	MWAT WL chronic	Zinc th Platte River, except <del>as s</del> Aluminum Arsenic	TVS specifiedfor lakes and Metals (ug/L) acute 340  340	TVS reservoirs in chronic  0.02
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	Biological DM WL acute 	MWAT WL chronic 5.0 	Zinc th Platte River, except as s Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS specifiedfor lakes and Metals (ug/L) acute 340  TVS	TVS reservoirs in chronic  0.02
Segments 1c, COSPBE11 Designation Reviewable Qualifiers:	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       pH	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 	Zinc th Platte River, except as-s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS specifiedfor lakes and Metals (ug/L) acute 340  340	TVS reservoirs in chronic  0.02  TVS 
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other:	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and 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  126	Zinc th Platte River, except as s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS pecified(or lakes and Metals (ug/L) acute 340 TVS 5.0	TVS reservoirs in chronic  0.02  TVS  TVS
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Physical and 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 	Zinc th Platte River, except as s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS pecifiedfor lakes and Metals (ug/L) acute  340  TVS 5.0  50	TVS reservoirs in chronic  0.02  TVS  TVS 
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM WL acute 6.5 - 9.0   ic (mg/L)	MWAT WL chronic 5.0  126 chronic TVS	Zinc th Platte River, except as s Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS pecifiedfor lakes and Metals (ug/L) acute 340 340 TVS 5.0 50 TVS	TVS reservoirs in chronic  0.02  TVS  TVS  TVS
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron	Biological DM WL acute 6.5 - 9.0  ic (mg/L) acute	MWAT           WL           chronic           5.0              126           chronic           TVS           0.75	Zinc Tinc Platte River, except as so Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS pecifiedfor lakes and Metals (ug/L) acute  340  TVS 5.0  50	TVS reservoirs in chronic  0.02  TVS  TVS  TVS TVS
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid te of 12/31/2024	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WL acute 6.5 - 9.0  (c (mg/L) acute TVS	MWAT WL chronic 5.0  126 chronic TVS 0.75 250	Zinc Zinc Vertical actions of the second s	TVS pecifiedfor lakes and Metals (ug/L) acute 340 340 TVS 5.0 50 TVS	TVS reservoirs in chronic 0.02 TVS TVS TVS TVS TVS VS SVS WS
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron	Biological DM WL acute  6.5 - 9.0  ic (mg/L) XVS 	MWAT           WL           chronic           5.0              126           chronic           TVS           0.75	Zinc Tinc Platte River, except as so Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS ppecifiedfor lakes and Metals (ug/L) acute 340 340 TVS 5.0 50 TVS 5.0 TVS TVS	TVS reservoirs in chronic 0.02 TVS TVS TVS TVS TVS VS US 1000
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WL acute  6.5 - 9.0  (c (mg/L) acute TVS  ic (mg/L) 0.019 0.005	MWAT WL chronic 5.0  126 chronic TVS 0.75 250	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS specified(or lakes and Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS	TVS reservoirs in chronic 0.02 TVS TVS TVS TVS TVS VS SVS WS
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Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WL acute 6.5 - 9.0  ic (mg/L) ic (mg/L) xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute xute 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Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WL acute 6.5 - 9.0  (c (mg/L) acute TVS  ic (mg/L) 0.019 0.005 10  10 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Zinc Zinc Zinc Platte River, except as so Arsenic Arsenic Arsenic Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	TVS specified(or lakes and Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS reservoirs in chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS WS 0.01( <del>+</del> )
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM V/L acute  6.5 - 9.0  (c (mg/L) acute T/VS  ic (mg/L) 0.019 0.019 0.019 10 10  10  10  10  10  10  10   10                                                                                                                                 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS  pecified/or lakes and  Metals (ug/L)  acute  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340  340	TVS reservoirs in chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  1000 TVS  1000 TVS  1000 1000 TVS  1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM V/L acute  6.5 - 9.0  (c (mg/L) acute T/VS  ic (mg/L) 0.019 0.019 0.019 10 10  10  10  10  10  10  10   10                                                                                                                                 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Zinc Zinc Platte River, except as so Arsenic Arsenic Arsenic Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	TVS  pecified(or lakes and  Metals (ug/L)  acute  340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 340 34	TVS reservoirs in chronic
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM V/L acute  6.5 - 9.0  (c (mg/L) acute T/VS  ic (mg/L) 0.019 0.019 0.019 10 10  10  10  10  10  10  10   10                                                                                                                                 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Zinc Zinc Platte River, except as-s Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS  pecified(or lakes and  Metals (ug/L) acute 340 340 50 TVS 50 TVS TVS TVS TVS 50	TVS reservoirs in chronic chronic TVS TVS TVS TVS TVS TVS
Segments 1c, COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	10, and 12; includes Soda Lakes. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Indification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM V/L acute  6.5 - 9.0  (c (mg/L) acute T/VS  ic (mg/L) 0.019 0.019 0.019 10 10  10  10  10  10  10  10   10                                                                                                                                 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS  ppecified/or lakes and  Metals (ug/L)  acute  340  340  50 TVS 5.0  50 TVS 50 T	TVS reservoirs in chronic chronic

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

12. Lakes and	reservoirs in the Turkey Creek sys	tem from the source to the inlet of I	Bear Creek Reservo	oir.			
COSPBE12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
	e) = See 38.5(3) for details.				Chromium III(T)	50	
*Uranium(chro	nic) = See 38.5(3) for details.	Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

1. Mainstem o	f Clear Creek, including all tributaries ar	nd wetlands, from the source to the	I-70 bridge abo	ve Silver Plu	ime.		
COSPCL01	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*chlorophyll a	(mg/m ² )(chronic) = applies only above	Inorganic (	mg/L)		Chromium VI	TVS	TVS
	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
0	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
*Phosphorus( facilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	lron(T)		1000
*Uranium(acut	te) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS

2a. Mainstem of Clear Creek, including all tributaries a for specific listings in Segments 3a and 3b.	and wetlands, from the I-70 brid	ge above Silver Plu	me to a poin	it just above the confluence	e with West Fork Clea	ar Creek,_excep
COSPCL02A 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	TVS
Temporary Modification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2024				Chromium III(T)	50	
chlorophyll a (mg/m ² )(chronic) = applies only above	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
he facilities listed at 38.5(4).		acute	chronic	Copper	TVS	TVS
Designation: 9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
Phosphorus(chronic) = applies only above the acilities listed at 38.5(4).	Boron		0.75	Iron(T)		1000
Uranium(acute) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
Uranium(chronic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
Zinc(acute) = 0.978e^(0.8537[In(hardness)]+1.9467)	Cyanide	0.005		Manganese	TVS	TVS/WS
Zinc(chronic) = ).986e^(0.8537[In(hardness)]+1.8032)	Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
	Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	<u>varies*</u>	varies*
				Zinc		SSE*
				Zinc	SSE*	

COSPCL02B	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
rsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2024				Chromium III(T)	50	
chlorophyll a	(mg/m ² )(chronic) = applies only abo	/e Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
ne facilities lis	ted at 38.5(4).		acute	chronic	Copper	TVS	TVS
0	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
Phosphorus( acilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	Iron(T)		1000
Uranium(acut	e) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
<u>Uranium(chro</u>	nic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	<u>varies*</u>	varies*
					Zinc	TVS	TVS

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COSPCL02C 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:	pН	6.5 - 9.0		Cadmium	TVS	TVS
Femporary Modification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2024				Chromium III(T)	50	
chlorophyll a (mg/m ² )(chronic) = applies only above	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
he facilities listed at 38.5(4).		acute	chronic	Copper	TVS	TVS
Designation: 9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
Phosphorus(chronic) = applies only above the acilities listed at 38.5(4).	Boron		0.75	lron(T)		1000
Uranium(acute) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
Uranium(chronic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
Zinc(acute) = 0.978e^(0.8537[In(hardness)]+1.9467)	Cyanide	0.005		Manganese	TVS	TVS/WS
Zinc(chronic) = ).986e^(0.8537[In(hardness)]+1.8032)	Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
	Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
				Zinc	SSE*	
				Zinc		SSE*

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COSPCL03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	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
Femporary Mo	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2024				Chromium III(T)	50	
Designation	2/20/00 Baseline dage not enably	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
U	9/30/00 Baseline does not apply e) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
	nic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
	0.978e^(0.8537[In(hardness)]+1.9467)	Boron		0.75	lron(T)		1000
Zinc(chronic)	=	Chloride		250	Lead	TVS	TVS
).986e^(0.853	7[In(hardness)]+1.8032)	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>
					Zinc		SSE*
					Zinc	SSE*	

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COSPCL03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02 <del>-10</del> A
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Nater + Fish	<u>Standards</u>	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
•	9/30/00 Baseline does not apply				Chromium III(T)	50	
	e) = See 38.5(3) for details.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
	nic) = See 38.5(3) for details. 0.978e^(0.8537[In(hardness)]+1.9467)		acute	chronic	Copper	TVS	TVS
Zinc(acute) =		Ammonia	TVS	TVS	Iron		WS
).986e^(0.853	7[ln(hardness)]+1.8032)	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	SSE*	
					Zinc		SSE*

4. Mainstem o	f West Fork Clear Creek from the so	urce to the confluence with Woods (	Creek.				
COSPCL04	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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
		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
0	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III		TVS
	te) = See 38.5(3) for details.				Chromium III(T)	50	
*Uranium(chro	onic) = See 38.5(3) for details.	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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		210
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	-varies*	<u>varies*</u>
					Zinc	TVS	TVS

5. Mainstem o	f West Fork Clear Creek from the conflu	uence with Woods Creek to the con	fluence with Cle	ear Creek.			
COSPCL05	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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	TVS
Temporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*chlorophyll a	$(mq/m^2)(chronic) = applies only above$	Inorganic (r	ng/L)		Chromium VI	TVS	TVS
the facilities lis	ted at 38.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	hronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see	Boron		0.75	lron(T)		1000
section 38.6(4	)(j) for manganese assessment	Chloride		250	Lead	TVS	TVS
	ronic TVS applies throughout segment. te) = See $38.5(3)$ for details.	Chlorine	0.019	0.011	Lead(T)	50	
	re(e) = See 38.5(3) for details.	Cyanide	0.005		Manganese	TVS	varies*
	e^(0.8404[ln(hardness)]+1.8810)	Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
· · ·	= e^(08404[ln(hardness)]+1.5127)	Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		210
- ( /		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	varies*
					Zinc		SSE*
					Zinc	SSE*	

			Joinnuence with	I Clear Creek	a, except for specific listings	in Segments 7a and	0.
COSPCL06	Classifications	Physical and Biol	ogical		I	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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 ² )		150	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	te of 12/31/2024				Chromium III(T)	50	
·		Inorganic (n	ng/L)		Chromium VI	TVS	TVS
-	9/30/00 Baseline does not apply		acute	chronic	Copper	TVS	TVS
	$\underline{\text{te}} = \underline{\text{See 38.5(3) for details.}}$	Ammonia	TVS	TVS	Iron		WS
<u>^Uranium(cnrc</u>	onic) = See 38.5(3) for details.	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(T)		0.01 <del>(t)</del>
		Nitrite			Molybdenum(T)		150
			<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel(T)		100
		Sulfate		WS	. ,		
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	varies*
Zo Mainstom	of Woodo Crock from the outlat of Linn	or Lind Dependents to the confluence	with Most For	k Cloor Crook	Zinc	TVS	TVS
	of Woods Creek from the outlet of Upp			k Clear Creek	χ.		TVS
COSPCL07A	Classifications	er Urad Reservoir to the confluence Physical and Biol	ogical		χ.	Metals (ug/L)	
COSPCL07A Designation	Classifications Aq Life Cold 2	Physical and Biol	ogical DM	MWAT			TVS
COSPCL07A Designation UP	Classifications		ogical DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute 	chronic
COSPCL07A Designation UP Qualifiers:	Classifications Aq Life Cold 2	Physical and Biol	ogical DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L)	
COSPCL07A Designation UP	Classifications Aq Life Cold 2	Physical and Biol Temperature °C D.O. (mg/L)	ogical DM CS-I acute 	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute  340 	<b>chronic</b>  150
COSPCL07A Designation UP Qualifiers: Other:	Classifications Aq Life Cold 2	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning)	ogical DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute  340  TVS	chronic  150  TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH	ogical DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 150 TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch)	Classifications Aq Life Cold 2 Recreation N Iodification(s): onic) = current condition ) = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	ogical DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 150 TVS TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) =	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition ) = current condition = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH	ogical DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340  TVS TVS TVS TVS TVS TVS	chronic 150 TVS TVS TVS TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chrr Copper(ac/ch) Iron(chronic) = Lead(chronic)	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition ) = current condition = current condition = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	ogical DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T)	Metals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS	chronic 150 TVS TVS TVS TVS TVS TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chro	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition ) = current condition = current condition = current condition ic) = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	ogical DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 150 TVS TVS TVS TVS TVS 1000 TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chror Nickel(chronic	Classifications Aq Life Cold 2 Recreation N Iodification(s): onic) = current condition ) = current condition = current condition = current condition ic) = current condition s;) = current condition	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m	ogical DM CS-1 acute  6.5 - 9.0   ng/L) acute	MWAT CS-I chronic 6.0 7.0  630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 150 TVS TVS TVS TVS 1000 TVS 1000 TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chror Nickel(chronic) Silver(chronic)	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition ) = current condition = current condition = current condition nic) = current condition s;) = current condition ) = current condition	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	ogical DM CS-1 acute  6.5 - 9.0   ng/L) acute TVS	MWAT CS-I chronic 6.0 7.0  630 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	Metals (ug/L) acute 340  TVS TVS TVS TVS TVS TVS TVS TVS  TVS TVS	chronic 150 TVS TVS TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(#)
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Nickel(chronic) Silver(chronic) temperature(E condition	Classifications Aq Life Cold 2 Recreation N Iodification(s): onic) = current condition ) = current condition = current condition = current condition bic) = current condition c) = current condition b) = current condition 10/1 - 11/30	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	ogical DM CS-1 acute  6.5 - 9.0   ng/L) acute	MWAT CS-I chronic 6.0 7.0  630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute  340  TVS TVS TVS TVS TVS  TVS TVS 	chronic 150 TVS TVS TVS TVS 1000 TVS TVS 0.01( <del>t</del> ) 
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Nickel(chronic) Silver(chronic) temperature(E condition	Classifications Aq Life Cold 2 Recreation N lodification(s): onic) = current condition ) = current condition = current condition = current condition nic) = current condition s;) = current condition ) = current condition	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	ogical DM CS-1 acute  6.5 - 9.0   ng/L) acute TVS	MWAT CS-I chronic 6.0 7.0  630 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Nolybdenum(T) Nickel	Metals (ug/L) acute 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic  150  TVS TVS TVS 1000 TVS TVS 0.01 <del>(t)</del>  TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chron Nickel(chronic) Silver(chronic) Silver(chronic) temperature(C condition temperature(C condition	Classifications Aq Life Cold 2 Recreation N Iodification(s): onic) = current condition ) = current condition = current condition = current condition bic) = current condition c) = current condition b) = current condition 10/1 - 11/30	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	ogical DM CS-1 acute  6.5 - 9.0  ng/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute  340  TVS TVS TVS TVS  TVS TVS TVS TVS TVS TVS	chronic  150  TVS TVS TVS 1000 TVS 1000 TVS 0.01( <del>+)</del>  TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Mercury(chronic) temperature(E condition temperature(E condition Zinc(ac/ch) =	Classifications         Aq Life Cold 2         Recreation N         Iodification(s):         onic) = current condition         ) = current condition         >) = current condition         DM/MWAT) = current       10/1 - 11/30         DM/MWAT) = current       4/1 - 5/31	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	ogical DM CS-I acute  6.5 - 9.0  ng/L) acute TVS  	MWAT CS-I chronic 6.0 7.0  630 chronic TVS 	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute 340  TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic  150  TVS TVS TVS 1000 TVS TVS 0.01 <del>(t)</del>  TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chrr Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Nickel(chronic) Silver(chronic) temperature(E condition temperature(E condition Zinc(ac/ch) = -	Classifications         Aq Life Cold 2         Recreation N         Iodification(s):         onic) = current condition         ) = current condition         DM/MWAT) = current       10/1 - 11/30         DM/MWAT) = current       4/1 - 5/31         current condition       10/1 - 11/30	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	ogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  100 CS- 100  0.019	MWAT           CS-I           chronic           6.0           7.0              630           chronic           630           Chronic           0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute  340  TVS TVS TVS TVS  TVS TVS TVS TVS TVS TVS	chronic  150  TVS TVS TVS 1000 TVS 1000 TVS 0.01( <del>+)</del>  TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Mercury(chronic) temperature(Ic condition temperature(Ic condition Zinc(ac/ch) = - Expiration Dat *Uranium(acu	Classifications         Aq Life Cold 2         Recreation N         Iodification(s):         onic) = current condition         ) = current condition         D) = current condition         DM/MWAT) = current         10/1 - 11/30         DM/MWAT) = current         4/1 - 5/31         current condition         te of 6/30/2023	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	ogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  1 0.5 0.019 0.005	MWAT CS-I chronic 6.0 7.0  630 630 chronic TVS  0.011 	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute  340  TVS TVS TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS	chronic 150 TVS TVS TVS TVS 1000 TVS TVS 0.01(#)  TVS TVS TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Mercury(chronic) temperature(Ic condition temperature(Ic condition Zinc(ac/ch) = - Expiration Dat *Uranium(acu	Classifications         Aq Life Cold 2         Recreation N         Iodification(s):         onic) = current condition         ) = current condition         := current condition         DM/MWAT) = current       10/1 - 11/30         DM/MWAT) = current       4/1 - 5/31         current condition       te of 6/30/2023         te of 6/30/2023       te) = See 38.5(3) for details.	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	ogical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  1.0 0.5 0.01 0.005 	MWAT           CS-I           chronic           6.0           7.0              630           chronic           630           Chronic           0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute acute acute 340 340 TVS	chronic  150  TVS TVS TVS 1000 TVS 1000 TVS 0.01( <del>t</del> )  TVS TVS TVS TVS
COSPCL07A Designation UP Qualifiers: Other: Temporary M Cadmium(chro Copper(ac/ch) Iron(chronic) = Lead(chronic) Mercury(chronic) Mercury(chronic) temperature(Ic condition temperature(Ic condition Zinc(ac/ch) = - Expiration Dat *Uranium(acu	Classifications         Aq Life Cold 2         Recreation N         Iodification(s):         onic) = current condition         ) = current condition         := current condition         DM/MWAT) = current       10/1 - 11/30         DM/MWAT) = current       4/1 - 5/31         current condition       te of 6/30/2023         te of 6/30/2023       te) = See 38.5(3) for details.	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	ogical DM CS-I acute  6.5 - 9.0  ng/L) acute TVS  0.019 0.005   	MWAT CS-I Chronic 6.0 7.0  630 Chronic TVS  0.011  0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute acute acute 340 340 TVS	chronic  150  TVS TVS TVS 1000 TVS 1000 TVS 0.01( <del>t</del> )  TVS TVS TVS TVS

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7b. Lower Ura								
COSPCL07B	Classifications	Physical and I	Biological			Metals (ug/l	_)	
Designation	Aq Life Cold 2		DM	MWAT		acute	chroni	c
JP	Recreation N	Temperature °C	CL	CL	Aluminum			
Qualifiers:			acute	chronic	Arsenic	340	150	
Other:		D.O. (mg/L)		6.0	Beryllium			
Comporany M	odification(s):	D.O. (spawning)		7.0	Cadmium	TVS	TVS	
	onic) = current condition	рН	6.5 - 9.0		Chromium III	TVS	TVS	
,	= current condition	chlorophyll a (ug/L)			Chromium VI	TVS	TVS	
	- current condition	E. Coli (per 100 mL)		630	Copper	TVS	TVS	
.ead(chronic)	= current condition				Iron(T)		1000	
Aercury(chron	nic) = current condition	Inorgani	c (mg/L)		Lead	TVS	TVS	
lickel(chronic	) = current condition		acute	chronic	Manganese	TVS	TVS	
ilver(chronic)	= current condition	Ammonia	TVS	TVS	Mercury(T)		0.01 <del>(t)</del>	
emperature(D condition	0M/MWAT) = current 10/1 - 11/30	Boron			Molybdenum(T)			
emperature(D	0M/MWAT) = current 4/1 - 5/31	Chloride			Nickel	TVS	TVS	
condition		Chlorine	0.019	0.011	Selenium	TVS	TVS	
. ,	current condition e of 6/30/2023	Cyanide	0.005		Silver	TVS	TVS(tr)	
•	e of 6/30/2023 te) = See 38.5(3) for details.	Nitrate			Uranium		varies*	
	$rac{black}{black}$ $rac{$	Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Zinc	TVS	TVS	
		Phosphorus				-		
		Sulfate						
		Sulfide		0.002				
8 Mainstem o	f Lion Creek from the source to the co		ook					
COSPCL08		Indence with west for order of	CCR.					
	Classifications	Physical and I	Biological			Metals (u	g/L)	
Designation	Aq Life Cold 2	Physical and I	Biological DM	MWAT		Metals (u	g/L) acute	chroni
		Physical and I	-	MWAT CS-I	Arsenic	Metals (u		chronic
JP	Aq Life Cold 2		DM		Arsenic Cadmium	Metals (u	acute	
JP Qualifiers:	Aq Life Cold 2		DM CS-I	CS-I		Metals (u	acute	
JP Qualifiers:	Aq Life Cold 2	Temperature °C	DM CS-I acute	CS-I chronic	Cadmium	Metals (u	acute 	
JP Qualifiers: Other:	Aq Life Cold 2	Temperature °C D.O. (mg/L)	DM CS-I acute 	CS-I chronic 6.0	Cadmium Chromium III Chromium VI	Metals (u	acute  	
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 	CS-I chronic 6.0 7.0	Cadmium Chromium III	Metals (u	acute  	
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-1 acute  3.0-9.0	CS-I chronic 6.0 7.0 	Cadmium Chromium III Chromium VI Copper Iron	Metals (u	acute   	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-1 acute  3.0-9.0 	CS-I chronic 6.0 7.0  150	Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (u	acute	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	DM CS-I acute  3.0-9.0  	CS-I chronic 6.0 7.0  150	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (u	acute	
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute  3.0-9.0   c (mg/L)	CS-I chronic 6.0 7.0  150 126	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T)	Metals (u	acute	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani	DM CS-I acute  3.0-9.0   c (mg/L) acute	CS-I chronic 6.0 7.0  150	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T)	Metals (u	acute	
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani	DM CS-I acute  3.0-9.0   c (mg/L) acute 	CS-I chronic 6.0 7.0  150 126 chronic 	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (u	acute	
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CS-I acute  3.0-9.0   c (mg/L) acute 	CS-I chronic 6.0 7.0  150 126 chronic 	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (u	acute	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-I acute  3.0-9.0  c (mg/L) acute  	CS-I chronic 6.0 7.0 150 126 chronic  	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver		acute	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-I acute  3.0-9.0  c (mg/L) acute    	CS-I chronic 6.0 7.0 150 126 chronic chronic   	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium		acute	<u>varies</u>
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-1 acute   3.0-9.0  c (mg/L) acute       	CS-I chronic 6.0 7.0 150 126 chronic      	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver		acute	<u>varies</u>
JP Qualifiers: Dther: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute   3.0-9.0   c (mg/L) acute    	CS-I chronic 6.0 7.0 150 126 chronic chronic     	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium		acute	<u>varies</u>
JP Qualifiers: Other: [•] Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute  3.0-9.0  c (mg/L) acute     	CS-I chronic 7.0 150 126 <b>chronic</b>      	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium		acute	<u>varies</u>
JP Qualifiers: Other: [•] Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute  3.0-9.0  3.0-9.0  c (mg/L) acute        -	CS-I chronic 6.0 7.0 150 126 <b>chronic</b> <b>chronic</b>       	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium		acute	
JP Qualifiers: Other: Uranium(acut	Aq Life Cold 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute  3.0-9.0  c (mg/L) acute     	CS-I chronic 7.0 150 126 <b>chronic</b>      	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium		acute	<u>varies</u>

		d wetlands, from the source to the con	muchec with t	Slear Creek.			
COSPELU9A	Classifications	Physical and Biolo	gical		I	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	-	-
	Recreation E		acute	chronic	Arsenic	340	
	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	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*chlorophvll a	(mg/m ² )(chronic) = applies only above	Inorganic (m	g/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
•	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
facilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	lron(T)		1000
*Uranium(acut	e) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	- <u>0.05</u>	<del>0.05</del>	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	varies*	varies*
					Zinc	TVS	TVS
9b. Mainstem	of Trail Creek, including all tributaries a	and wetlands from the source to the co	onfluence with	Clear Creek.			
-	of Trail Creek, including all tributaries a Classifications	nd wetlands from the source to the co Physical and Biolo		Clear Creek.	1	Metals (ug/L)	
-				Clear Creek.		Metals (ug/L) acute	chronic
COSPCL09B	Classifications		gical		Aluminum		chronic
COSPCL09B Designation	Classifications Agriculture	Physical and Biolo	ogical DM	MWAT			chronic 
COSPCL09B Designation Reviewable*	Classifications Agriculture Aq Life Cold 1	Physical and Biolo	ogical DM CS-I	MWAT CS-I	Aluminum	acute	-
COSPCL09B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biolo	ogical DM CS-I acute	MWAT CS-I chronic	A <del>luminum</del> Arsenic	acute 	
COSPCL09B Designation Reviewable*	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biolo Temperature °C D.O. (mg/L)	ogical DM CS-I acute 	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	
COSPCL09B 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)	ogical DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH	Digical DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	 0.02  TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	bgical 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)	acute 340  TVS 5.0	 0.02  TVS 
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	bgical 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	acute  340  TVS 5.0 	 0.02  TVS  TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	bgical 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)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	bgical DM CS-1 acute  6.5 - 9.0  6.5	MWAT CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute 340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (m	bgical DM CS-1 acute  6.5 - 9.0  g/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 Chromium VI Copper	acute 340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia	bgical DM CS-1 acute  6.5 - 9.0  g/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	bgical DM CS-I acute  6.5 - 9.0  g/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 126 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  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	bgical DM CS-I acute  6.5 - 9.0  g/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 Chromium VI Copper Iron Iron(T) Lead	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo 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	bgical DM CS-1 acute  6.5 - 9.0  g/L) acute TVS  TVS  0.019	MWAT CS-I chronic 6.0 7.0  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)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo 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	ogical           DM           CS-I           acute              6.5 - 9.0              6.5 - VI           g/L)           acute           TVS              0.019           0.005	MWAT CS-I chronic 6.0 7.0  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) Manganese	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo 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	bgical DM CS-1 acute  6.5 - 9.0  () g/L) acute TVS  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  150 126 126 126 0.0 126 0.0 126 0.0 126 0.0 11 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del>
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo 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 Phosphorus	bgical DM CS-I acute  6.5 - 9.0  () g/L) acute TVS  0.019 0.005 10  10 	MWAT CS-I Chronic 6.0 7.0  150 126 250 0.011  0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	acute acute 340  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( <del>t)</del> 150
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus         Sulfate	bgical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  0.01 g/L) acute TVS  0.019 0.005 10  10  	MWAT CS-I chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.05  0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo 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 Phosphorus	bgical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  ( 0.5  0.019 0.005 10  10  	MWAT CS-I Chronic 6.0 7.0  150 126 250 0.011  0.05 0.11	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium III(T)         Chromium III(T)         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100 TVS 100 TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus         Sulfate	bgical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  0.01 g/L) acute TVS  0.019 0.005 10  10  	MWAT CS-I chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.05  0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 1000 TVS 1000 TVS 0.01( <del>t)</del> 150 TVS 1000 TVS
COSPCL09B Designation Reviewable* Qualifiers: Other: *Designation: : *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply 9/30/00 Baseline does not apply ie) = See 38.5(3) for details.	Physical and Biolo         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus         Sulfate	bgical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  0.01 g/L) acute TVS  0.019 0.005 10  10  	MWAT CS-I chronic 6.0 7.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.05  0.11 WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium III(T)         Chromium III(T)         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100 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

T	er erneuge ere erg merdanig an ansatarre	s and wetlands, from the source to th	e confluence v	with Clear Cr	eek, except for specific listing	gs in Segment 19.	
COSPCL10	Classifications	Physical and Biolo	gical		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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/m²)		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2024				Chromium III(T)	50	
		Inorganic (m	g/L)		Chromium VI	TVS	TVS
the facilities lis	(mg/m ² )(chronic) = applies only above sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
e e	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
*Phosphorus(c facilities listed	chronic) = applies only above the $at 385(4)$	Boron		0.75	lron(T)		1000
	te) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
*Uranium(acut	e) = See 38.5(3) for details.	Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	0.05	0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sumue		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
11 Mainstem	of Clear Creek from a point just above th	e Argo Tunnel discharge to the Farm	ers Highline C	anal diversio		103	173
	Classifications				·····		
	classifications	Physical and Biolo	gical		M	etals (ug/L)	
	Agriculture		gical DM	MWAT	M	etals (ug/L) acute	chronic
		Temperature °C	-	MWAT CS-I	Aluminum		chronic
Designation	Agriculture		DM				chronic 
Designation	Agriculture Aq Life Cold 1		DM CS-I	CS-I	Aluminum	acute	-
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic	Aluminum Arsenic	acute  340	
<b>Designation</b> UP	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I acute 	CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340	
Designation UP Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	  0.02 
Designation UP 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	DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	 0.02  TVS
Designation UP Qualifiers: Other: Temporary Mo 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 chlorophyll a (mg/m²)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0	 0.02  TVS 
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0 	 0.02  TVS 
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u>	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute  6.5 - 9.0  g/L)	CS-I chronic 6.0 7.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato <u>*Uranium(acut</u>	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m	DM CS-I acute  6.5 - 9.0  g/L) acute	CS-I chronic 6.0 7.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[In(hardness)]+1.9467)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Arnmonia	DM CS-I acute  6.5 - 9.0  g/L) acute TVS	CS-I chronic 6.0 7.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS 	 0.02 TVS  TVS  TVS 17
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[In(hardness)]+1.9467)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	DM CS-I acute  6.5 - 9.0  g/L) acute	CS-I chronic 6.0 7.0  126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute 	 0.02  TVS  TVS 17 WS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  	CS-I chronic 6.0 7.0  126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS 5.0  50 TVS    TVS	 0.02  TVS  TVS 17 WS 1000
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	DM CS-I acute  6.5 - 9.0  g/L) acute T√S  0.019	CS-I 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 VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS   TVS 50 TVS 50	 0.02 TVS  TVS 17 WS 1000 TVS 
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005	CS-I 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 VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS 5.0  50 TVS    TVS	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	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	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10	CS-I 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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>+)</del>
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	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	DM CS-I acute  6.5 - 9.0  (5.5 - 9.0)  6.5 - 9.0  0.01 0.005 10  0.05	CS-I chronic 7.0  126 Chronic TVS 0.75 250 0.011   250 0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Molybdenum(T)	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	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 Phosphorus	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I 6.0 7.0 1.26 Chronic Chronic 1250 0.011 0.011  0.05 2.50 0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury(T)         Nolybdenum(T)         Nickel	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS 17 S 17 WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I chronic 7.0 1.26 Chronic Chronic 100 100 100 100 100 100 100 10	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS   TVS 50 TVS        -	 0.02 TVS  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS 100
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	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 Phosphorus	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I 6.0 7.0 1.26 Chronic Chronic 1250 0.011 0.011  0.05 2.50 0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium III(T)         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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        -	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100 TVS 100 TVS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I chronic 7.0 1.26 Chronic Chronic 100 100 100 100 100 100 100 10	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 0.01( <del>t)</del> 150 TVS 100 TVS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date <u>*Uranium(acut</u> <u>*Uranium(chro</u> *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I chronic 7.0 1.26 Chronic Chronic 100 100 100 100 100 100 100 10	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver         Uranium	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 100 TVS
Designation UP Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Uranium(acut *Uranium(chro *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 ie) = See 38.5(3) for details. onic) = See 38.5(3) for details. 0.978e^(0.8537[ln(hardness)]+1.9467) =	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  g/L) acute TVS  0.019 0.005 10  0.05 	CS-I chronic 7.0 1.26 Chronic Chronic 100 100 100 100 100 100 100 10	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver	acute  340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 0.01( <del>t)</del> 150 TVS 100 TVS

T = total recoverable

t = total

tr = trout

COSPCL12A	o, 13a and 13b. Classifications	Physical and I	Biological		Me	etals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
-	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
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		' chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
	$(mg/m^2)(chronic) = applies only above$	E. Coli (per 100 mL)		126	Chromium III		TVS
	sted at 38.5(4). 9/30/00 Baseline does not apply	(P			Chromium III(T)	50	
Phosphorus(c	chronic) = applies only above the	Inorgani	c (ma/l )		Chromium VI	TVS	TVS
acilities listed		inorgani	acute	chronic	Copper	TVS	TVS
	te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Iron		ws
Oranium(crito	onic) = See 38.5(3) for details.	Ammonia			lron(T)		1000
		Boron		0.75			
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS
	Brook <u>,</u> from the source to Highway 40 <u>th</u>			om the sourc			
	Classifications	Physical and I	Biological		Me	etals (ug/L)	
Designation							
	Agriculture		DM	MWAT		acute	chronic
<eviewable*< td=""><td>Aq Life Cold 1</td><td>Temperature °C</td><td>DM CS-I</td><td>CS-I</td><td>Aluminum</td><td>acute</td><td>chronic</td></eviewable*<>	Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum	acute	chronic
keviewable*	Aq Life Cold 1 Recreation E	Temperature °C			Aluminum Arsenic		chronic  <del>0.02</del>
	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CS-I	CS-I			
	Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	 340	 0.02 <u></u>
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium <u>Arsenic(T)</u>	 340 	 0.02 <u>0.02</u>
Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic <del>Beryllium<u>Arsenic(T)</u> Cadmium</del>	 340  TVS	 <u>0.02</u> <u>0.02</u> TVS
Qualifiers: Dther: Femporary Me	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Arsenic Beryllium <u>Arsenic(T)</u> Cadmium Cadmium(T)	 340  TVS 5.0	 0.02 <u>0.02</u> TVS
Qualifiers: Other: Temporary Ma Arsenic(chroni	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150 <u>*</u>	Arsenic Beryllium <u>Arsenic(T)</u> Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	 0.02 <u>0.02</u> TVS  TVS
Qualifiers: Other: Femporary Marsenic(chroni Expiration Dat	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 <u>*</u>	Arsenic Beryllium <u>Arsenic(T)</u> Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS 5.0  50	 0.02 TVS  TVS 
Qualifiers: Other: Femporary Ma Arsenic(chroni Expiration Dat Designation:	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute  6.5 - 9.0  c (mg/L)	CS-I chronic 6.0 7.0  150 <u>*</u> 126	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0  50 TVS	 0.02 TVS 0.02 TVS  TVS  TVS
Qualifiers: Other: Temporary Mu Arsenic(chroni Expiration Dat Designation: 1 chlorophyll a	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	CS-I acute  6.5 - 9.0  c (mg/L) acute	CS-I chronic 6.0 7.0  150 <u>*</u> 126 chronic	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron		 0.02 TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary Mu Arsenic(chroni Expiration Dat Designation: : chlorophyll a he facilities lis Phosphorus(c	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia	CS-I acute  6.5 - 9.0   c (mg/L) acute TVS	CS-I chronic 6.0 7.0  150 <u>*</u> 126 chronic TVS	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS 5.0  50 TVS TVS 	 0.02 TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: Temporary Metarsenic(chroni Expiration Date Designation: Chlorophyll a he facilities listed Phosphorus(cacilities listed	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the tat 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	CS-I acute  6.5 - 9.0  c (mg/L) acute TVS 	CS-I chronic 6.0 7.0  150 <u>*</u> 126 Chronic TVS 0.75	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS 5.0  50 TVS TVS  TVS	 0.02 TVS  TVS  TVS TVS WS
Qualifiers: Other: Temporary Metarsenic(chroni Expiration Date Designation: Chlorophyll a he facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	CS-I acute  6.5 - 9.0  c (mg/L) acute TVS 	CS-I chronic 6.0 7.0  150 <u>*</u> 126 Chronic TVS 0.75 250	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS 5.0  50 TVS TVS  TVS 50	 0.02 TVS  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Means Autoric (chroni Expiration Date Designation: Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the tat 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) TVS  TVS  0.019	CS-I chronic 6.0 7.0 150 <u></u> 126 Chronic TVS 0.75 250 0.011	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02 TVS TVS  TVS TVS S S S S S S S S S S S S S S S S
Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat Expiration Dat Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	CS-I acute  6.5 - 9.0   c (mg/L) C (mg/L) TVS  TVS  0.019 0.005	CS-I chronic 6.0 7.0  150 <u>*</u> 126 Chronic TVS 0.75 250 0.011 	Arsenic BerylliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS TVS WS 1000 TVS S TVS/WS 0.01(#)
Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat Expiration Dat Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150 <u>*</u> 126 Chronic TVS 0.75 250 0.011 	Arsenic BeryIliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS S 1000 TVS S 0.01( <del>t)</del> 150
Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat Expiration Dat Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) c (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 7.0 150 <u>*</u> 126 Chronic TVS 0.75 250 0.011  0.05	Arsenic BerylliumArsenic(T) Cadmium(T) Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 0.02 TVS  TVS TVS WS 1000 TVS  TVSWS 0.01(4) 150 TVS
Qualifiers: Other: Temporary Means Autoric (chroni Expiration Date Designation: Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L)	CS-I chronic 7.0 150 <u></u> 126 Chronic Chronic 0.011  0.05 0.11 [*]	Arsenic BeryIliumArsenic(T) Cadmium(T) Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS  TVS TVS WS 1000 TVS  TVSWS 0.01( <del>+</del> ) 150 TVS 100
Qualifiers: Other: Temporary Means Autoric (chroni Expiration Date Designation: Chlorophyll a ne facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) c (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 7.0 150° 126 Chronic Chronic 0.011 0.011° 0.011° 0.11° WS	Arsenic BeryIliumArsenic(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS TVS 1000 TVS 0.01(#) 150 TVS 1000 TVS
Qualifiers: Other: Temporary Metarsenic(chroni Expiration Date Designation: Chlorophyll a he facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L)	CS-I chronic 7.0 150 <u></u> 126 Chronic Chronic 0.011  0.05 0.11 [*]	Arsenic BeryIliumArsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium Silver	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 100 TVS 100 TVS
Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat Designation: 1 chlorophyll a he facilities listed Phosphorus(c acilities listed Uranium(acut	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 9/30/00 Baseline does not apply (mg/m ² )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the lat 38.5(4). te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) c (mg/L) acute TVS  0.019 0.005 10  0.05 - 	CS-I chronic 7.0 150° 126 Chronic Chronic 0.011 0.011° 0.011° 0.11° WS	Arsenic BeryIliumArsenic(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS TVS 1000 TVS 0.01(#) 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

COSPCL13A	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	TVS	
emporarv M	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0		
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS	
Expiration Dat	e of 12/31/2024				Chromium III(T)	50		
Designation	9/30/00 Baseline does not apply	Inorganic (mg/L)			Chromium VI	TVS	TVS	
0	a/30/00 baseline does not apply te) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS	
	pnic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Iron		WS	
oramaniçome	<u> </u>	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 <u>(T)</u>		0.01 <del>(t)</del>	
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>	
					Zinc	TVS	TVS	

COSPCL13B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		6.0	Arsenic(T)		<del>100<u>0.02</u></del>
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Nater + Fish	<u>Standards</u>	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ² )		150*	Cadmium(T)	<u>5.0</u>	<u></u>
Femporary Mo	odification(s):	E. Coli (per 100 mL)		126	Chromium III	<del>TVS</del>	TVS
Arsenic(chroni	c) = hybrid				Chromium III(T)	<u>50</u>	<del>100<u></u></del>
Expiration Date	e of 12/31/2024	Inorganic (mg/L) Ch		Chromium VI	TVS	TVS	
emperature(D condition	<del>M/MWAT) = current</del>		acute	chronic	Copper		64
	e of 12/31/2020	Ammonia	TVS	TVS	<u>Iron</u>		<u>WS</u>
chlorophyll o	(mg/m ² )(chronic) = applies only above	Boron		0.75	lron(T)		5400
he facilities lis	ted at 38.5(4).	Chloride		<u>250</u> ⁻	Lead	TVS	TVS
Phosphorus(c acilities listed	thronic) = applies only above the $at 385(4)$	Chlorine	0.019	0.011	Lead(T)	<u>50</u>	
	e) = See 38.5(3) for details.	Cyanide	0.005		Manganese	TVS	TVS <mark>/WS</mark>
Uranium(chro	nic) = See 38.5(3) for details.	Nitrate	<del>100<u>10</u></del>		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		<u>WS</u> -	Nickel(T)		<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc		740

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	Tor olear oreek norm the ranners rigi	line Canal diversion in Golden, C	biorado to the D	enver Water	conduit #16 crossing.		
COSPCL14A	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm <mark>2<u>1</u></mark>	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 <mark>-10</mark>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporary		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
	TVS x (times) the FWER (final water	Inorganic	(mg/L)		Chromium III		TVS
effect ratio).	( 40/04/00 T		acute	chronic	Chromium III(T)	50	
Arsenic(chroni		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<u>*Zinc(chronic)</u> water effect rail	<del>= TVS x (times) the FWER (final tio).</del>	Boron		0.75	Copper	TVS	TVS
	∋ <u>Date</u> of 12/31/ <del>20</del> - <u>2024</u>	Chloride		250	Iron		WS
*Uranium(acut	<u>e) = See 38.5(3) for details.</u>	Chlorine	0.019	0.011	Iron(T)		1000
*Uranium(chro	nic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	244
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-varies*	varies*
					Zinc	TVSx1.57*TVS	TVSx1.57*TVS
14b. Mainstem	of Clear Creek from the Denver Wate	r conduit #16 crossing to a point ju	ust below Young	field Street i			<u></u>
	Classifications	Physical and Bi				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	_	_
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)					
		D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:	······	pH	 6.5 - 9.0	5.0	Arsenic(T) <del>Beryllium</del>		0.02
Qualifiers: Water + Fish \$		,			. ,		
		рН	6.5 - 9.0		Beryllium		
Water + Fish S Other:	Standards	pH chlorophyll a (mg/m²)	6.5 - 9.0  		Beryllium Cadmium	TVS	TVS
Water + Fish S Other: Temporary Mo	Standards	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0  (mg/L)		Beryllium Cadmium Cadmium(T)	 TVS 5.0	 TVS 
Water + Fish S Other: Temporary Mo Arsenic(chroni	Standards odification(s): c) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	6.5 - 9.0  (mg/L) acute	 126 chronic	Beryllium Cadmium Cadmium(T) Chromium III	TVS 5.0 	 TVS 
Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date	Standards odification(s): c) = hybrid e of 12/31/2024	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia	6.5 - 9.0  (mg/L)	 126 chronic TVS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0  50 TVS	TVS  TVS 
Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date	Standards odification(s): c) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	6.5 - 9.0  (mg/L) acute TVS 	 126 Chronic TVS 0.75	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS 5.0  50	TVS TVS TVS TVS TVS TVS
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date	Standards odification(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	6.5 - 9.0  (mg/L) acute T∨S 	 126 chronic TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0  50 TVS TVS	TVS TVS TVS TVS TVS TVS WS
Water + Fish S Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water of 12/31/20.*Uranium(acute) = See alls. chronic) = TVS x (times) the FWER	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	6.5 - 9.0  (mg/L) acute T∨S  0.019	 126 <b>chronic</b> TVS 0.75 250 0.011	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0  50 TVS TVS 	TVS TVS TVS TVS TVS TVS
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 3*ZincUranium(( final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	 126 Chronic 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	 TVS  TVS TVS TVS WS 1000
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta 3*Zinc[Jranium( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water of 12/31/20.*Uranium(acute) = See alls. chronic) = TVS x (times) the FWER	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	 126 <b>chronic</b> TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	TVS 5.0  50 TVS TVS  TVS 50	TVS  TVS  TVS TVS WS 1000 TVS 
Water + Fish \$ Other: Temporary Mc Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m²) 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 10	 126 <b>chronic</b> TVS 0.75 250 0.011  0.5	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	TVS  TVS  TVS TVS WS 1000 TVS  244
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta 3*Zinc[Jranium( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) 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	 126 Chronic TVS 0.75 250 0.011  0.5	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS TVS TVS WS 1000 TVS  244 0.01 <del>(t)</del>
Water + Fish \$ Other: Temporary Mc Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	 126 Chronic TVS 0.75 250 0.011  0.5  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	TVS TVS TVS TVS TVS 1000 TVS 244 0.01( <del>t)</del> 150
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  (mg/L) T\S  0.019 0.005 10 <u>0.5</u> ⁻	 126 Chronic TVS 0.75 250 0.011  0.5	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS  TVS TVS TVS WS 1000 TVS  244 0.01 <del>(1)</del> 150 TVS
Water + Fish \$ Other: Temporary Mc Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	 126 Chronic TVS 0.75 250 0.011  0.5  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS  TVS TVS TVS WS 1000 TVS 244 0.01 <del>(t)</del> 150 TVS 100
Water + Fish \$ Other: Temporary Mc Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	 126 Chronic TVS 0.75 250 0.011  0.5  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS  TVS TVS TVS MVS 1000 TVS 244 0.01 <del>(1)</del> 150 TVS 100 TVS
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	 126 Chronic TVS 0.75 250 0.011  0.5  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS TVS	 TVS  TVS TVS TVS 1000 TVS  244 0.01( <del>()</del> 150 TVS 100 TVS 100 TVS
Water + Fish \$ Other: Temporary Mo Arsenic(chroni Expiration Date *Zinc(acute) = effect ratio). Expiration date 38.5(3) for deta *ZincUranium(( (final water effe	Standards Diffication(s): c) = hybrid e of 12/31/2024 TVS x (times) the FWER (final water o of 12/31/20.*Uranium(acute) = See ails. chronic) = TVS x (times) the FWER ect ratio).	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	 126 Chronic TVS 0.75 250 0.011  0.5  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	TVS TVS TVS TVS TVS TVS 3000 TVS 244 0.01 <del>(1)</del> 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

	of ofcar ofcck from rounglicia offcc	t in Wheat Ridge, Colorado, to the	e confluence with	the South P	latte River.		
COSPCL15	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1≛	Temperature °C	WS-II	WS-II	Aluminum	_	-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron		Inorganic	: (mg/L)		Chromium III		TVS
Expiration Dat	te of 12/31/2024		acute	chronic	Chromium III(T)	50	
*01		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	n: Aquatic life warm 1 goal qualifier. - TVS x (times) the FWER (final water	Boron		0.75	Copper	TVS	TVS
effect ratio).		Chloride		250	Iron		WS
Expiration date 38.5(3) for det	e of 12/31/20.*Uranium(acute) = See tails	Chlorine	0.019	0.011	Iron(T)		1000
*ZincUranium	(chronic) = <del>TVS x (times) the FWER</del>	Cyanide	0.005		Lead	TVS	TVS
(final water eff Expiration date	tect ratio). e of 12/31/20See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Sunde		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-varies*	varies*
					Zinc		
16a Mainsten	n of Lena Gulch including all tributarie	s and wetlands from its source to	the inlet of Manle	Grove Res		<del>TVSx1.57*<u>TVS</u></del>	<del>TVSx1.57*<u>TVS</u></del>
COSPCL16A	-		the milet of Maple				
	Classifications	Physical and B	iological			Metals (ug/L)	
Designation		Physical and B	iological DM	MWAT		Metals (ug/L) acute	chronic
	Water Supply Agriculture		-	MWAT WS-II	Aluminum		chronic
	Water Supply	Physical and E	DM		Aluminum Arsenic	acute	chronic 
	Water Supply Agriculture	Temperature °C	DM WS-II	WS-II chronic	Arsenic		
UP	Water Supply Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II	Arsenic Arsenic(T)	acute	
UP Qualifiers:	Water Supply Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	  0.02-10 ^A 
UP Qualifiers: Other:	Water Supply Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0  150	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340  TVS	 0.02-10 ^A  TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	 0.02-10 A  TVS 
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute  6.5 - 9.0  	WS-II chronic 5.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02-10 ^A  TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-II acute  6.5 - 9.0   (mg/L) acute	WS-II chronic 5.0  150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02-10 A  TVS  TVS 
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS	WS-II chronic 5.0  150 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02-10 A  TVS  TVS  TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-II acute  6.5 - 9.0   (mg/L) acute TVS	WS-II chronic 5.0  150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS 5.0  50 TVS TVS	 0.02-10 A TVS  TVS  TVS TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS 	WS-II chronic 5.0  150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS  TVS WS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0  (mg/L) acute TVS  TVS 	WS-II chronic 5.0 150 126 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)	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS VS VS WS 1000
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	WS-II chronic 5.0 150 126 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	acute  340  TVS 5.0  50 TVS TVS TVS    TVS	 0.02-10 A TVS TVS TVS TVS TVS TVS WS 1000 TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	WS-II chronic 5.0 150 126 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 5.0  50 TVS TVS TVS  TVS 50 S0	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS 1000 TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	WS-II           chronic           5.0           150           126           chronic           Chronic           0.75           250           0.011              0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS
JP Qualifiers: Other: 'Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	WS-II           chronic           5.0           150           126           Chronic           Chronic           0.011              0.011              0.011              0.011              0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 S0	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(+)
JP Qualifiers: Other: 'Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	WS-II           chronic           5.0           150           126           chronic           Chronic           0.75           250           0.011              0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVSWS
JP Qualifiers: Other: 'Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> -	WS-II           chronic           5.0           150           126           Chronic           Chronic           0.011              0.011              0.011              0.011              0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS 5.0  50 TVS TVS TVS   TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVSWS 
JP Qualifiers: Other: 'Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  10                                                                                                                                          	WS-II           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.05           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+)</del> 150
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  10                                                                                                                                          	WS-II           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.05           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead Lead(T) Manganese Mercury(T) Nickel	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  150 TVS
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  10                                                                                                                                          	WS-II           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.05           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  150 TVS 100
UP Qualifiers: Other: *Uranium(acut	Water Supply Agriculture Aq Life Warm 2 Recreation E te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  10                                                                                                                                          	WS-II           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.05           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS  TVS  TVS        -

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

t = total

tr = trout

D.O. = dissolved oxygen

DM = daily maximum MWAT = maximum weekly average temperature

COSPCL16B	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Recreation E		DM	MWAT		acute	chronic
IP	Agriculture	Temperature °C	WS-II	WS-II	Aluminum	_	
	Aq Life Warm 2		acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
)ther:		рН	6.5 - 9.0		Beryllium	_	
Uranium(acut	e) = See 38.5(3) for details.	chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
	nic) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
7a. Arvada R							
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nysicai ana	DM	MWAT		acute	chronic
-	Aq Life Cold 2	Temperature °C	CLL	CLL	Aluminum	uouto	cinonic
	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		0.02
ualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Vater + Fish	Standards	chlorophyll a (ug/L)		8	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
	e) = See 38.5(3) for details.			120	Chromium III(T)	50	
	nic) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
		inorgan		ohronio	Copper	TVS	TVS
		Ammonia	acute	chronic	Iron		WS
			TVS	TVS	lron(T)		1000
		Boron		0.75			
		Chloride		250		TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide Nitrate	0.005		Manganese	TVS	TVS/WS
		INITATA	10		Mercury(T)		0.01 <del>(t)</del>
			0.05-		Molybdenum(T)		150
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Niekol	T\/0	T\/0
		Nitrite Phosphorus		0.025	Nickel	TVS	TVS
		Nitrite Phosphorus Sulfate		0.025 WS	Nickel(T)		100
		Nitrite Phosphorus		0.025	Nickel(T) Selenium	 TVS	100 TVS
		Nitrite Phosphorus Sulfate		0.025 WS	Nickel(T) Selenium Silver	 TVS TVS	100 TVS TVS(tr)
		Nitrite Phosphorus Sulfate		0.025 WS	Nickel(T) Selenium	 TVS	10 TV:

	TOT Raiston Creek, including an the	outaries and wetlands, from the sour	ce to the inlet of Ar	vada Reserv	oir.		
COSPCL17B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	<u></u>	
	Recreation UE		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	TVS
Other:		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni					Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
*Uranium(acut	te) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	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	varies*	varies*
					Zinc	TVS	TVS
18a. Mainsterr	n of Ralston Creek, including all trib	outaries and wetlands, from the outle	et of Arvada Reserv	oir to the cor	fluence with Clear Cree		-
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm <mark>21</mark>	Temperature °C	WS-II	WS-II	Aluminum	<u> </u>	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A
Qualifiers:		pH	6.5 - 9.0		D		
Other:			0.0 0.0		Beryllium		
		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
Temporary Me	odification(s):				Cadmium		TVS
Temporary Mo Arsenic(chroni		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150		TVS	
Arsenic(chroni		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Cadmium Cadmium(T)	TVS 5.0	
Arsenic(chroni Expiration Dat	ic) <u>= hybrid</u> e of 12/31/2024	chlorophyll a (mg/m²) E. Coli (per 100 mL)	  ic (mg/L)	150 126	Cadmium Cadmium(T) Chromium III	TVS 5.0 	 TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	  ic (mg/L) acute	150 126 chronic	Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS 5.0  50	 TVS 
Arsenic(chroni Expiration Dat	ic) <u>= hybrid</u> e of 12/31/2024	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	  ic (mg/L) acute TVS 	150 126 <b>chronic</b> TVS 0.75	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0  50 TVS	 TVS  TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	  ic (mg/L) acute TVS	150 126 <b>chronic</b> TVS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0  50 TVS TVS	TVS  TVS TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 ic (mg/L) acute TVS  0.019	150 126 <b>chronic</b> TVS 0.75 250	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0  50 TVS TVS 	 TVS  TVS TVS WS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	  ic (mg/L) acute TVS  0.019 0.005	150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 5.0  50 TVS TVS 	 TVS  TVS TVS WS 1000
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	 ic (mg/L) acute TVS  0.019 0.005 10	150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS 5.0  50 TVS TVS  TVS	 TVS TVS TVS WS 1000 TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	  ic (mg/L) acute TVS  0.019 0.005	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.5	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	 TVS TVS TVS WS 1000 TVS 
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u>	150 126 <b>chronic</b> TVS 0.75 250 0.011   0.5 0.17	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS 5.0  50 TVS TVS  TVS 50 TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del>
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10  0.5 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(!)</del> 150
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>chronic</b> TVS 0.75 250 0.011   0.5 0.17	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10  0.5 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10  0.5 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10  0.5 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100 TVS 100 TVS
Arsenic(chroni Expiration Dat	<u>ic) = hybrid e of 12/31/2024</u> te) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10  0.5 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 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

COSPCL18B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> ⁴
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Vater + Fish	Standards	chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
emporary M	odification(s):	Inorgan	ic (mg/L)		Chromium III		TVS
Arsenic(chron	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	te of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Uropium(oou	ta) - Saa 28 E/2) far dataila	Boron		0.75	Copper	TVS	TVS
	te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Chloride		250	Iron		WS
	<u> </u>	Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
				01002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
19. All tributar	ies to Clear Creek, including wetlar	nds, within the Mt. Evans Wildernes	s Area.				
COSPCL19	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W							onnonno
<b>J v v</b>	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
JVV	Recreation E	Temperature °C	CS-I acute	CS-I chronic	Aluminum Arsenic	 340	
		Temperature °C D.O. (mg/L)			-		
Qualifiers:	Recreation E		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Arsenic(T)	340	  0.02
Qualifiers: Other:	Recreation E	D.O. (mg/L) D.O. (spawning)	acute  	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) <del>Beryllium</del>	340 	  0.02 
Qualifiers: Other: Uranium(acu	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	acute   6.5 - 9.0	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	340  TVS	 0.02  TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS 5.0	 0.02  TVS 
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	acute  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 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	acute  6.5 - 9.0  	chronic           6.0           7.0              150           126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute	chronic           6.0           7.0              150           126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute T∨S	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 5.0  50 TVS TVS TVS	 0.02 TVS  TVS TVS TVS TVS TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic           6.0           7.0           150           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS 5.0  50 TVS TVS  TVS	 0.02 TVS  TVS TVS TVS SVS 1000 TVS
ualifiers: ther: Jranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) acute T\/S  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 5.0  50 TVS TVS  TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
tualifiers: hther: Jranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS 5.0  50 TVS TVS   TVS 50 TVS	 0.02 TVS  TVS TVS TVS S S S S S S S S S S S S S S
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	chronic           6.0           7.0           150           126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del>
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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) ic (ng/L) ic (ng/L) ic (ng/L) ic (ng/L) ic (ng/L)	chronic 6.0 7.0 150 126 0.126 Chronic Chronic 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 0.01(+) 150
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> [−]	chronic         6.0         7.0         150         126         0.126         0.01         0.05         0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01( <del>()</del> ) 150 TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute T∨S  0.019 0.005 10  0.05 ⁻ 	chronic         6.0         7.0         150         126         VS         0.75         250         0.011            0.05         0.11         250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS (0.01 (+) 150 TVS 100 TVS
Qualifiers: Other: Uranium(acu	Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute T∨S  0.019 0.005 10  0.05 ⁻ 	chronic         6.0         7.0         150         126         VS         0.75         250         0.011            0.05         0.11         250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS (0.01 (+) 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

∠u. Lakes and		hat are within the boundary of the		emess Area.			
COSPCL20	Classifications	Physical and B	Biological		Ν	/letals (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	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	
	te) = See $38.5(3)$ for details.	Inorganic	c (mg/L)		Chromium VI	TVS	TVS
	pnic) = See 38.5(3) for details.		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(T)		0.01 <del>(t)</del>
		Nitrite	0.05 -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		250	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
				0.002	Silver	TVS	TVS(tr)
					Uranium	-varies*	varies*
					Zinc	TVS	TVS
25. Upper Lon			line Canal uivers	sion in Golden	i, CO, except <del>as specified<u>fo</u></del>	r ilstings in Segment	s 7b, 20, 22 and
25. Upper Lon COSPCL21	g Lake. Classifications	Physical and E	Biological		· · · · <u>-</u>	Metals (ug/L)	
COSPCL21 Designation	g Lake. Classifications Agriculture	Physical and E	Biological DM	MWAT	N	Metals (ug/L) acute	chronic
COSPCL21	g Lake. Classifications Agriculture Aq Life Cold 1	- -	Biological DM <u>CLvaries*</u>	MWAT CL <u>varies*</u>	Aluminum	Metals (ug/L) acute	chronic
COSPCL21 Designation	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and E	Biological DM <u>CLvaries*</u> acute	MWAT CL <u>varies*</u> chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPCL21 Designation	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L)	Biological DM <u>CLvaries*</u> acute 	MWAT CL <u>varies*</u> chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute	chronic
COSPCL21 Designation Reviewable*	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM <u>CLvaries*</u> acute 	MWAT CL <u>varies*</u> chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 	<b>chronic</b>  0.02
COSPCL21 Designation Reviewable* Qualifiers:	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL_varies* acute  6.5 - 9.0	MWAT CLvaries* chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340  TVS	chronic  0.02 TVS
COSPCL21 Designation Reviewable* Qualifiers:	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL <u>varies*</u> acute  6.5 - 9.0 	MWAT CLvaries* chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340  TVS 5.0	chronic  0.02  TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Ma	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply <u>DUWS*</u> odification(s):	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL_varies* acute  6.5 - 9.0	MWAT CLvaries* chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340  TVS 5.0 	chronic  0.02 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mo Arsenic(chroni	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL <u>varies*</u> acute  6.5 - 9.0 	MWAT CLvaries* chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340  TVS 5.0  50	Chronic  0.02  TVS  TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mo Arsenic(chroni	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply <u>DUWS*</u> odification(s):	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM <u>CLvaries*</u> acute  6.5 - 9.0  	MWAT CLvaries* chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	Metals (ug/L) acute 340  TVS 5.0  50 TVS	Chronic  0.02  TVS  TVS  TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	Biological DM CL_varies* acute  6.5 - 9.0  (mg/L) acute	MWAT CLvaries* chronic 6.0 7.0  8* 126 chronic	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 TVS	Chronic  0.02  TVS  TVS  TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply <u>DUWS*</u> odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	Biological DM <u>CLvaries*</u> acute  6.5 - 9.0  c (mg/L)	MWAT CL <u>varies*</u> chronic 6.0 7.0  8* 126 t26	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	Chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification Reservoir. Cha	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply <u>DUWS*</u> odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	Biological DM CL_varies* acute  6.5 - 9.0  (mg/L) acute	MWAT CL_varies* Chronic 6.0 7.0  8* 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III 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 WS 1000
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification Reservoir, Cha Brook Reservor	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply <u>DUWS*</u> odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	Biological DM CL_varies* acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CLvaries* chronic 6.0 7.0  8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS  TVS	chronic              0.02              TVS              TVS           TVS           WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification Reservoir. Cha Brook Reservo *Designation: *Phosphorus(or	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver oir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	Biological DM CL_varies* acute  6.5 - 9.0  6.5 - 9.0  () c (mg/L) acute TVS  0.019	MWAT CL_varies* Chronic 6.0 7.0  8* 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Chlorophyll a and reservoirs *Classification Reservoir.Chassification Brook Reservoi *Designation: *Phosphorus(or reservoirs larg	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver oir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL <u>varies</u> acute  (.5 - 9.0)  (.5 - 9.0) 	MWAT CLvaries* chronic 6.0 7.0  8* 126 chronic TVS 0.75 250	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 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification Reservoir, Cha Brook Reservoir *Designation: *Phosphorus(or reservoirs larg *Uranium(acut	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver bir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CL_varies* acute  6.5 - 9.0  6.5 - 9.0  () c (mg/L) acute TVS  0.019	MWAT CL_varies* Chronic 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs *Classification Reservoir, Cha Brook Reservoir *Designation: *Phosphorus(c reservoirs larg *Uranium(acut *Uranium(chro *Temperature	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver pir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details. mic) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL <u>varies</u> acute  (.5 - 9.0)  (.5 - 9.0) 	MWAT CLvaries* chronic 6.0 7.0  8* 126 ktronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340  TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 	Chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(+) 150
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs Classification Reservoir, Cha Brook Reservo *Designation: *Phosphorus(c reservoirs larg *Uranium(acut *Uranium(chro *Temperature DM and MWA	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver pir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details. T=CL from 1/1-3/31	Physical and E         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CLvaries* acute                                                                                                                                                                               	MWAT CLvaries* chronic 6.0 7.0  8* 126 126 Chronic TVS 0.75 250 0.011  0.011  0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01( <del>+)</del> 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mu Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs and reservoirs *Classification Reservoir, Cha Brook Reservo *Designation: *Phosphorus(of reservoirs larg *Uranium(acut *Uranium(chro *Temperature DM and MWA Chase Gulch F	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver pir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details. T=CL from 1/1-3/31	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL_varies* acute       	MWAT CLvaries* chronic 6.0 7.0  8* 126 ktronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute acute 340  TVS 5.0  50 TVS TVS  50 TVS  50 TVS  TVS  TVS  TVS  TVS  TVS   TVS        -	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoirs of Brook Reservoi *Designation: *Phosphorus(of reservoirs larg *Uranium(acut *Uranium(chro *Temperature DM and MWA Chase Gulchard DM=CL and M All others	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver oir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details. Disc) = See 38.5(3) for details. E T=CL from 1/1-3/31 Reservoir WAT=16.6 from 4/1-12/31	Physical and E         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CL_varies* acute       	MWAT CLvaries* chronic 6.0 7.0  8* 126 126 Chronic TVS 0.75 250 0.011  0.011  0.025*	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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute           340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS              TVS           50           TVS              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS              TVS              TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> 150 TVS 100 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoir chroni Expiration Dat *chlorophyll a and reservoirs larg *Designation: *Phosphorus(or reservoirs larg *Uranium(acut *Uranium(chro *Temperature DM=CL and M All others	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver pir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ier than 25 acres surface area. te) = See 38.5(3) for details. mic) = See 38.5(3) for details. = T=CL from 1/1-3/31 Reservoir	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CLvaries* acute acute 6.5 - 9.0  c (mg/L) c (mg/L) c (ng/L) c (ng/L)	MWAT CLvaries* chronic 6.0 7.0  8* 126  0.75 250 0.011  0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  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 	Chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a and reservoir chroni Expiration Dat *chlorophyll a and reservoirs larg *Designation: *Phosphorus(or reservoirs larg *Uranium(acut *Uranium(chro *Temperature DM=CL and M All others	g Lake. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Hole in the Ground ase Gulch Reservoir, and Beaver oir No 2 only. 9/30/00 Baseline does not apply chronic) = applies only to lakes and ter than 25 acres surface area. te) = See 38.5(3) for details. Disc) = See 38.5(3) for details. E T=CL from 1/1-3/31 Reservoir WAT=16.6 from 4/1-12/31	Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CLvaries* acute acute 6.5 - 9.0  c (mg/L) c (mg/L) c (ng/L) c (ng/L)	MWAT CLvaries* chronic 6.0 7.0  8* 126  0.75 250 0.011  0.05 0.025* WS	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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)           acute           340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS              TVS           50           TVS              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS              TVS              TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> 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

22. Lakes and	reservoirs in the North Clear Creek dr	ainage from a point just below t	he confluence with	Chase Gulch	to the confluence with Cle	ear Creek.	
COSPCL22	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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III(T)		100
	chronic) = applies only to lakes and $\frac{1}{25}$ across surface area				Chromium VI	TVS	TVS
	er than 25 acres surface area. te) = See 38.5(3) for details.	Inorgar	nic (mg/L)		Copper	TVS	TVS
	pnic) = See 38.5(3) for details.		acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium	-varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
23. Ralston Re	eservoir	Cumao		0.002			
COSPCL23	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CLL	CLL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
	(ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
*Phosphorus(	chronic) = applies only to lakes and	linergal	acute	chronic	Copper	TVS	TVS
	er than 25 acres surface area. te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
	a(b) = 3ee 38.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate			Mercury(T)		0.01 <del>(t)</del>
		Nitrite	10	 0.05 <u></u> -	Molybdenum(T)		150
		Phosphorus	<u>0.05</u> - 	0.025*	Nickel	TVS	TVS
							100
		Sulfate		WS	Nickel(T)	 TVS	
		Sulfide		0.002	Selenium		TVS
					Silver	TVS	TVS(tr)
					Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS

COSPCL24	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	_	
	Recreation UE		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS*	рН	6.5 - 9.0		Beryllium		
ualifiers:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
emporarv M	lodification(s):	Inorgar	iic (mg/L)		Chromium III		TVS
Arsenic(chron			acute	chronic	Chromium III(T)	50	
	te of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only above	Boron		0.75	Copper	TVS	TVS
ne facilities lis	sted at 38.5(4), applies only to lakes	Chloride		250	Iron		WS
	a larger than 25 acres surface area.	Chlorine	0.019	0.011	Iron(T)		1000
eservoir only	/.	Cyanide	0.005		Lead	TVS	TVS
	chronic) = applies only above the at 38.5(4), applies only to lakes and	Nitrate	10		Lead(T)	50	
eservoirs larg	ger than 25 acres surface area.	Nitrite	<u>0.5</u> -	<del>0.5</del> -	Manganese	TVS	TVS/WS
	$\underline{\text{te}} = \underline{\text{See 38.5(3) for details.}}$	Phosphorus		0.083*	Mercury(T)		0.01 <del>(t)</del>
<u>Uranium(chro</u>	onic) = See 38.5(3) for details.	Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
				0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
5. Guanella	Reservoir (near Town of Empire, 39.75	8,-105.700)				-	-
OSPCL25	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	
ualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
ther:		D.O. (spawning)		7.0	Beryllium		
		pН	6.5 - 9.0		Cadmium	TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes a 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
-	ger than 25 acres surface area.				Chromium VI	TVS	TVS
	<u>te) = See 38.5(3) for details.</u> onic) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Copper	TVS	TVS
<u>Uranium(chro</u>	S(3) = See 38.5(3) for details.		acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01 <del>(t</del>
		Chlorine	0.019	0.011	Molybdenum(T)		
			0.005		Nickel	TVS	TVS
		Cyanide					
		Nitroto	100		Selenium	TVS	TVS
		Nitrate		0.05		T\/0	T\ (O (* )
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Silver	TVS	
		Nitrite Phosphorus		<del>0.05</del> - 0.025*	Uranium	- <u>varies*</u>	TVS(tr)
		Nitrite	<u>0.05</u> ⁻				

COSPBD01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Warm <del>2<u>1</u></del>	Temperature °C	WS-I	WS-I	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation <u>E</u> P	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02</u></del>
ualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Beryllium(T)		100
emporarv M	odification(s):	E. Coli (per 100 mL)		<del>205<u>126</u></del>	Cadmium	TVS	TVS
senic(chron		Inorgani	ic (mg/L)		Cadmium(T)	<u>5.0</u>	
xpiration Dat	e of 12/31/2024		acute	chronic	Chromium III	TVS	TVS
	/ / 2\/ I · · \ I' I I	Ammonia	TVS	TVS	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	Boron		0.75	Chromium VI	TVS	TVS
	chronic) = applies only above the	Chloride		<u>250</u> ⁻	Copper	TVS	TVS
acilities listed Selenium(acu	at 38.5(4). ute) = 19.1 ug/L from 11/1 - 3/31	Chlorine	0.019	0.011	<u>Iron</u>	<u> </u>	<u>WS</u>
VS from 4/1	- 10/31.	Cyanide	0.005		Iron(T)		1000
Selenium(chr	on 38.6(4)(d). onic) = 15 ug/L from 11/1 - 3/31	Nitrate	<del>100<u>10</u></del>		Lead	TVS	TVS
4 ug/L from	4/1 - 10/31. on 38.6(4)(d).	Nitrite		4.5 <del>-</del>	Lead(T)	<u>50</u>	
	te) = See 38.5(3) for details.	Phosphorus		0.17*	Manganese	TVS	TVS <mark>/WS</mark>
Jranium(chro	onic) = See 38.5(3) for details.	Sulfate		<u>WS</u> ⁻	Mercury(T)		0.01 <del>(t)</del>
		Sulfide		0.002	Molybdenum(T)		150
					Nickel	TVS	TVS
					<u>Nickel(T)</u>	=	
					Selenium		varies*
					Selenium	varies*	
					Silver	TVS	TVS
					Uranium	varies*	<u>varies*</u>
					Zinc	TVS	TVS

2. Standley La	ke.	-			-		
COSPBD02	Classifications	Physical and Bio	ological			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
	DUWS	pH	6.5 - 9.0		Beryllium <u>(T)</u>		4.0
Qualifiers:		chlorophyll a (ug/L)		4.0*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M	odification(s):	Inorganic (	mg/L)		Chromium III		TVS
Arsenic(chroni	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*chlorophvll a	(ug/L)(chronic) = The trophic status of	Boron		0.75	Copper	TVS	TVS
Standley Lake	shall be maintained as mesotrophic oy a combination of common indicator	Chloride		250	Iron		WS
	ich as total phosphorus, chlorophyll a,	Chlorine	0.019	0.011	Iron(T)		1000
secchi depth, a Section 38.6(4	and dissolved oxygen. Refer to	Cyanide	0.005		Lead	TVS	TVS
•	te) = See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
	hronic) = 3(t) Picocuries/Liter. See	Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
attached table segment 2.	-2 <u>38.6(4)</u> for additional standards for	Phosphorus			Mercury(T)		0.01 <del>(t)</del>
-		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	
					Uranium(T)		3*
					Zinc	TVS	TVS

COSPBD03					r .		
	Classifications	Physical	and Biological			Metals (ug/L)	
Designation		-	DM	MWAT		acute	chronic
UP	Aq Life Warm 2 Recreation <del>NE</del>	Temperature °C	WL	WL	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
<b>Other:</b> *Uranium(acute) = See 38.5(3) for details.         *Uranium(T)(chronic) = 4(t) Picocuries/Liter. See 38.6(4)attached table 2 for additional standards for segment 3.		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)			Beryllium(T)		100
		E. Coli (per 100 mL)		<u>630126</u>	Cadmium Chromium III	TVS TVS	TVS TVS
		Ino	rganic (mg/L)		-		100
		A	acute	chronic	Chromium III(T)	TVS	TVS
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper		
		Chloride			Iron(T)	TVS	1000 TVS
		Chlorine	0.019	0.011	Lead		
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	100		Mercury(T)		0.01 <del>(t)</del>
		Nitrite		2.7	Molybdenum(T)		150 T) (0
		Phosphorus			Nickel	TVS	TVS
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium	varies*	
					Uranium(T)		4*
					Zinc	TVS	TVS
and <del>5<u>5a</u>.</del>	and all tributaries to Woman and Waln	ut creeks nom sources to a	Standley Lake and Grea	i western ke			n Segments 4b
COSPBD04A Classifications		Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM				
UP				MWAT		acute	chronic
٦	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum	acute	chronic
	Recreation E		WS-I acute	WS-I chronic	Arsenic		
Qualifiara		D.O. (mg/L)	WS-I acute 	WS-I chronic 5.0	Arsenic Arsenic(T)		 0.02-10 ^A
Qualifiers:	Recreation E	D.O. (mg/L) pH	WS-I acute  6.5 - 9.0	WS-I chronic 5.0	Arsenic Arsenic(T) Beryllium <u>(T)</u>	 340 	 0.02-10 ^A 4.0
Qualifiers: Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-I acute  6.5 - 9.0 	WS-I chronic 5.0  150	Arsenic Arsenic(T) Beryllium <u>(T)</u> Cadmium	 340   TVS	 0.02-10 ^A
Other:	Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-I acute  6.5 - 9.0  	WS-I chronic 5.0	Arsenic Arsenic(T) Beryllium <u>(T)</u> Cadmium Cadmium(T)	 340 	 0.02-10 ^A 4.0 TVS 
Other: <u>*Uranium(acu</u>	Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-I acute  6.5 - 9.0   rganic (mg/L)	WS-I chronic 5.0  150 126	Arsenic Arsenic(T) Beryllium <u>(T)</u> Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	 0.02-10 A 4.0 TVS  TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor	WS-I acute  6.5 - 9.0   rganic (mg/L) acute	WS-I chronic 5.0  150 126 chronic	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS 5.0  50	 0.02-10 ^A 4.0 TVS  TVS 
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor Ammonia	WS-I acute  6.5 - 9.0  rganic (mg/L) acute TVS	WS-I chronic 5.0  150 126 chronic TVS	Arsenic Arsenic(T) Beryllium <u>(T)</u> Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0  50 TVS	 0.02-10 ^A 4.0 TVS  TVS  TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor Ammonia Boron	WS-I acute  6.5 - 9.0   rganic (mg/L) acute	WS-I chronic 5.0  150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS 5.0  50 TVS TVS	 0.02-10 A 4.0 TVS  TVS TVS TVS TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor Ammonia Boron Chloride	WS-I acute  6.5 - 9.0  rganic (mg/L) rganic (mg/L) acute TVS 	WS-I chronic 5.0  150 126 chronic TVS 0.75 	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 340  TVS 5.0  50 TVS TVS TVS	 0.02-10 A 4.0 TVS  TVS TVS TVS TVS TVS 1000
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ino Ammonia Boron Chloride Chlorine	WS-I acute  6.5 - 9.0  rganic (mg/L) acute TVS  CNS	WS-I chronic 5.0  150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 340  TVS 5.0  50 TVS TVS  TVS	 0.02-10 ^A 4.0 TVS  TVS TVS TVS 1000 TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           T∨S              0.019           0.005	WS-I chronic 5.0 150 126 chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T)	 340  TVS 5.0  50 TVS TVS  TVS 50	 0.02-10 A 4.0 TVS  TVS TVS TVS 1000 TVS 1000
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-I acute  6.5 - 9.0  rganic (mg/L) acute TVS  C 0.019 0.005 10	WS-I chronic 5.0 150 126 chronic TVS 0.75  0.011 	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS TVS TVS 1000 TVS  TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-I acute  6.5 - 9.0  (mganic (mg/L) acute TVS  0.019 0.005 10 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011  0.011 	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T)	 340  TVS 5.0  50 TVS  TVS 50 TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS TVS 1000 TVS  TVS 1000 TVS 0.01( <del>+</del> )
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ino Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.005           10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.011  0.5 0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A 4.0 TVS  TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01( <del>+</del> ) 150
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.012           10	WS-I chronic 5.0 150 126 chronic TVS 0.75 0.011 0.011  0.011  0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01( <del>+</del> ) 150 TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ino Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.005           10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.011  0.5 0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01( <del>+)</del> 150 TVS 100
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.012           10	WS-I chronic 5.0 150 126 chronic TVS 0.75 0.011 0.011  0.011  0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS 1VS 1000 TVS 0.01( <del>+</del> ) 150 TVS 100 TVS 100 TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.012           10	WS-I chronic 5.0 150 126 chronic TVS 0.75 0.011 0.011  0.011  0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium Silver	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01( <del>+</del> ) 150 TVS 100 TVS 100 TVS 100
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.012           10	WS-I chronic 5.0 150 126 chronic TVS 0.75 0.011 0.011  0.011  0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium Silver Uranium	340 TVS 5.0 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS 1VS 1000 TVS 0.01(+) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
<b>Other:</b> <u>*Uranium(acu</u> *Uranium(T)(d	Recreation E Water Supply ute) = See 38.5(3) for details. chronic) = See <u>38.6(4)attached table 2</u>	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0                 ganic (mg/L)           acute           TVS              0.019           0.012           10	WS-I chronic 5.0 150 126 chronic TVS 0.75 0.011 0.011  0.011  0.17	Arsenic Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium Silver	 340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01( <del>+</del> ) 150 TVS 100 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

I

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	Alnut Creek from its source to the west on Rocky Flats Property to Indiana Stre						e of the Central
•	Classifications	Physical and Bio				- /letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation PE		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 <u>(T)</u>		4.0
Other:		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		<del>205<u>126</u></del>	Cadmium(T)	5.0	
	e) = See 38.5(3) for details. hronic) = See 38.6(4) <del>attached table 2</del>	Inorganic (r	mg/L)		Chromium III		TVS
	tandards for segment 4b.		acute	chronic	Chromium III(T)	50	
		Ammonia	<u>TVS</u> -	<u>TVS</u> -	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		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Phosphorus		0.17	Molybdenum(T)		150
		Sulfate			Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	
					Uranium(T)		16.8*
					Zinc	TVS	TVS

COSPBD05COSPBD0	5A Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	₩L	Aluminum	_	
	Recreation N	Temperature °C	WS-II	WS-II	Arsenic	340	
	Water Supply		·		Arsenic(T)		0.02-10
Qualifiers:			acute	chronic	Beryllium <u>(T)</u>		4.0
Other:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
		рH	6.5 - 9.0		Cadmium(T)	5.0	
Uranium(acute) = See		chlorophyll a (mg/m ² )			Chromium III		TVS
or additional standards	See <u>38.6(4)</u> attached table for segment 5 <u>a</u> .	E. Coli (per 100 mL)		630	Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	<u>-TVS</u> ⁻	<u>TVS</u> -	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Lead(T)	50	
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrate	10		Molybdenum(T)		150
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus		0.17	Nickel(T)		100
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium	varies*	
					Uranium(T)		16.8*
					Zinc	TVS	TVS

		of the Central Operable Unit to the	e eastern bounda	ry of the Cent	ral Operable Unit and P	20nd C-2 on woman Cr	CCK.
COSPBD05B	<u>Classifications</u>	Physical and E	<u>Biological</u>			<u>Metals (ug/L)</u>	
<b>Designation</b>	Agriculture		<u>DM</u>	<u>MWAT</u>		acute	<u>chronic</u>
<u>UP</u>	Aq Life Warm 2	Temperature °C	<u>WL</u>	<u>WL</u>	Arsenic	<u>340</u>	
	Recreation N		acute	<u>chronic</u>	Arsenic(T)		<u>0.02-10</u> <u>A</u>
	Water Supply	<u>D.O. (mg/L)</u>		<u>5.0</u>	Beryllium(T)	<u> </u>	<u>4.0</u>
Qualifiers:		<u>рН</u>	<u>6.5 - 9.0</u>	<u> </u>	Cadmium	<u>TVS</u>	<u>TVS</u>
Other:		<u>chlorophyll a (mg/m²)</u>		<u></u> -	Cadmium(T)	<u>5.0</u>	=
*I Ironium (cout	ta) Cas 20 E(2) far dataila	E. Coli (per 100 mL)		<u>630</u>	Chromium III	==	<u>TVS</u>
	te) = See 38.5(3) for details. hronic) = See 38.6(4) for additional	Inorganio	<u>: (mg/L)</u>		Chromium III(T)	<u>50</u>	
standards for s			acute	<u>chronic</u>	Chromium VI	<u>TVS</u>	<u>TVS</u>
		<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Copper</u>	<u>TVS</u>	<u>TVS</u>
		<u>Boron</u>		<u>0.75</u>	Iron(T)	=	<u>1000</u>
		<u>Chloride</u>		<u> </u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		<u>Chlorine</u>	<u>0.019</u>	<u>0.011</u>	Lead(T)	<u>50</u>	
		<u>Cyanide</u>	<u>0.005</u>	<u></u> -	Manganese	<u>TVS</u>	TVS
		<u>Nitrate</u>	<u>10</u>	<u></u> -	Mercury(T)		<u>0.01</u>
		<u>Nitrite</u>	<u>0.5</u>	<u></u> -	Molybdenum(T)		<u>150</u>
		Phosphorus		<u>0.17</u>	<u>Nickel</u>	<u>TVS</u>	TVS
		<u>Sulfate</u>	<u></u> -		Nickel(T)		<u>100</u>
		<u>Sulfide</u>	<u></u> -	<u>0.002</u>	<u>Selenium</u>	<u>TVS</u>	TVS
					<u>Silver</u>	<u>TVS</u>	<u>TVS</u>
					<u>Uranium</u>	varies*	
					Uranium(T)	<u></u>	<u>16.8*</u>
					Zinc	<u>TVS</u>	TVS
6. Upper Big D	Dry Creek and South Upper Big Dry Cr	eek, from their source to Standley	/ Lake.				
COSPBD06	Classifications	Physical and E				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Warm 2	Physical and E	DM WS-I	WS-I	Aluminum	acute	-
Designation	Agriculture Aq Life Warm 2 Recreation N <u>E</u>	Temperature °C	DM WS-I acute	WS-I chronic	Arsenic	acute	
<b>Designation</b> UP	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L)	DM WS-I acute	WS-I chronic 5.0	Arsenic Arsenic(T)	acute	-
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation N <u>E</u>	Temperature °C D.O. (mg/L) pH	DM WS-I acute	WS-I chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	  0.02-10 ^A
<b>Designation</b> UP	Agriculture Aq Life Warm 2 Recreation N <u>E</u>	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0  <u>150</u>	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	  0.02-10 ^A
Designation UP Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation <del>N<u>E</u> Water Supply</del>	Temperature °C D.O. (mg/L) pH	DM WS-I acute  6.5 - 9.0	WS-I chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02-10 A  TVS 
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0  <u>150</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02-10 A  TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <del>N<u>E</u> Water Supply</del>	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0   c (mg/L) acute	WS-I chronic 5.0  630126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 	 0.02-10 ^A  TVS  TVS 
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0   c (mg/L)	WS-I chronic 5.0  <u></u> 150 <u>630126</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02-10 ^A  TVS  TVS  TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-I acute  6.5 - 9.0   c (mg/L) acute	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 	 0.02-10 A  TVS  TVS  TVS TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WS-I acute  6.5 - 9.0   c (mg/L) acute TVS  	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 	 0.02-10 A  TVS  TVS  TVS TVS TVS WS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02-10 A  TVS  TVS  TVS TVS WS 1000
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WS-I acute  6.5 - 9.0   c (mg/L) acute TVS  TVS  0.019 0.005	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS 5.0  50 TVS TVS TVS TVS   TVS	 0.02-10 Å  TVS  TVS TVS TVS WS 1000 TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  CNS  0.019	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50	 0.02-10 Å  TVS  TVS TVS TVS WS 1000 TVS 
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-I acute  6.5 - 9.0   c (mg/L) acute TVS  TVS  0.019 0.005	WS-I           chronic           5.0	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 5.0  50 TVS TVS TVS TVS   TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-I acute 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> [−]	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0  c: (mg/L) acute TVS  c: (mg/L) 0.019 0.005 10 0.005 10 0.5 ⁻ 	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0  c: (mg/L) acute TVS  c: (mg/L) 0.019 0.005 10 0.005 10 0.5 ⁻ 	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0  c: (mg/L) acute TVS  c: (mg/L) 0.019 0.005 10 0.005 10 0.5 ⁻ 	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS 100
Designation UP Qualifiers: Other: * <u>Uranium(acut</u>	Agriculture Aq Life Warm 2 Recreation <u>NE</u> Water Supply te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0  c: (mg/L) acute TVS  c: (mg/L) 0.019 0.005 10 0.005 10 0.5 ⁻ 	WS-I           chronic           5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute  340  TVS 5.0  50 TVS 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  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   TVS   TVS     TVS    TVS     TVS     TVS    TVS   TVS   TVS    TVS     TVS   TVS  TVS   TVS  TVS   TVS	 0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 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 38.6 for further details on applied standards.

COSPBD07	Classifications	Physical and B	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WL	WL	Aluminum	_	
	Recreation P		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A
	DUWS*	pН	6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (ug/L)		20*	Beryllium(T)		100
Other:		E. Coli (per 100 mL)		205	Cadmium	TVS	TVS
*ahlaranhull a		Inorganic	(mg/L)		Cadmium(T)	5.0	
the facilities li	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes		acute	chronic	Chromium III		TVS
	arger than 25 acres surface area.	Ammonia	TVS	TVS	Chromium III(T)	50	
only.		Boron		0.75	Chromium VI	TVS	TVS
	chronic) = applies only above the at $38.5(4)$ , applies only to lakes and	Chloride		250	Copper	TVS	TVS
reservoirs larg	per than 25 acres surface area.	Chlorine	0.019	0.011	Iron		WS
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$	Cyanide	0.005		Iron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Nitrate	10		Lead	TVS	TVS
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Lead(T)	50	
		Phosphorus		0.083*	Manganese	TVS	TVS/WS
		Sulfate		WS	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfide		0.002	Molybdenum(T)		150
					Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSPBO01	Classifications	Physical and	Biological		N	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW _	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:	1	D.O. (spawning)		7.0	Beryllium		
ther:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
emporary M rsenic(chron	lodification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
	te of 12/31/2024				Chromium III(T)	50	
•		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	inorgan	acute	chronic	Copper	TVS	TVS
		Ammonia			Iron		WS
		Ammonia	TVS	TVS			1000
		Boron		0.75	Iron(T)		
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
							T\/C
					Zinc	TVS	
		utaries and wetlands, from the bound	dary of the Indian P	eaks Wilderr			
oulder Creek	of Boulder Creek, including all tribu , except for the specific listings in the specific listing of t			eaks Wilderr	ness Area to a point immedi		TVS luence with N
oulder Creek	k, except for the specific listings in the specific listings in the specific listings in the specific listing of the specific	Segment 3.		Peaks Wilderr	ness Area to a point immedi	iately below the confl	luence with N
oulder Creek OSPBO02A esignation	<, except for the specific listings in Classifications	Segment 3. Physical and	Biological DM	MWAT	ness Area to a point immedi	iately below the confl Metals (ug/L)	luence with N
COSPBO02A	<, except for the specific listings in t Classifications Agriculture	Segment 3.	Biological DM CS-I	MWAT CS-I	ness Area to a point immedi	iately below the confl Metals (ug/L) acute	
oulder Creek	<, except for the specific listings in t Classifications Agriculture Aq Life Cold 1	Segment 3. Physical and Temperature °C	Biological DM	MWAT CS-I chronic	Aluminum Arsenic	iately below the confl Metals (ug/L) acute 340	luence with N chronic
oulder Creek OSPBO02A esignation eviewable	<ul> <li>c, except for the specific listings in the specific listing in the specific listings in the specific listings in the specific listings in the specific listings in the specific listing listing in the specific listing listi</li></ul>	Segment 3. Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	iately below the confl Metals (ug/L) acute	luence with N chronic
COSPB002A COSPB002A Designation Reviewable Rualifiers:	<ul> <li>c, except for the specific listings in the specific listing in the specific listings in the specific listings in the specific listings in the specific listings in the specific listing listing in the specific listing listi</li></ul>	Segment 3. Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 	chronic
oulder Creek OSPBO02A esignation eviewable ualifiers: ther:	<ul> <li>c, except for the specific listings in \$</li> <li>Classifications</li> <li>Agriculture</li> <li>Aq Life Cold 1</li> <li>Recreation E</li> <li>Water Supply</li> </ul>	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) Metals (ug/L) acute 340  TVS	chronic chronic  0.02  TVS
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M	c, except for the specific listings in s Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Indification(s):	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )	Biological DM CS-I acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS 5.0	Luence with N chronic  0.02  TVS 
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron	<ul> <li>c, except for the specific listings in s</li> <li>Classifications</li> <li>Agriculture</li> <li>Aq Life Cold 1</li> <li>Recreation E</li> <li>Water Supply</li> <li>Iodification(s):</li> <li>ic) = hybrid</li> </ul>	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340  TVS 5.0 	Luence with N chronic  0.02  0.02  TVS 
oulder Creek OSPBO02A resignation reviewable tualifiers: ther: emporary M rsenic(chron	c, except for the specific listings in s Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Indification(s):	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH  chlorophyll a (mg/m ² )  E. Coli (per 100 mL)	Biological 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)	At a cute At a cute	Chronic Chronic  0.02  TVS  TVS
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a	c, except for the specific listings in s Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  Increan	Biological DM CS-I acute  6.5 - 9.0   ic (mg/L)	MWAT CS-I chronic 6.0 7.0  150* 126	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	Attals (ug/L) Metals (ug/L) acute  340  TVS 5.0  50 TVS	Luence with N chronic  0.02  TVS  TVS  TVS
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a e facilities lis Phosphorus(i	c, except for the specific listings in the specific listing li	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²)  E. Coli (per 100 mL)  ove Inorgan	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Attals (ug/L) Acute  340  TVS 5.0  50 TVS TVS TVS TVS	Luence with N chronic  0.02  TVS  TVS  TVS  TVS
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a te facilities listed	c, except for the specific listings in 3  Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  lodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4).	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  ove Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L)         acute         340            340            5.0            50         TVS         50         TVS         SUBJECTION               50         TVS         TVS         TVS         TVS         TVS	Luence with N chronic  0.02  TVS  TVS TVS TVS S
oulder Creek OSPBO02A resignation reviewable tualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a he facilities listed Phosphorus(i acilities listed Jranium(acul	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Nove Ammonia Boron	Biological DM CS-1 acute   6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	iately below the confi Metals (ug/L) acute 340 340 TVS 5.0 50 TVS TVS TVS	Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chroni
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(i ccilities listed Jranium(acut	c, except for the specific listings in 3  Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  lodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4).	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  Nove Inorgan  Ammonia Boron Chloride	Biological DM CS-1 acute   6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150* 126 126 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	iately below the confl Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS TVS	Luence with N chronic  0.02  TVS  TVS TVS TVS SVS 1000 TVS
oulder Creek OSPBO02A resignation reviewable tualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a he facilities listed Phosphorus(i acilities listed Jranium(acul	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Nove Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	iately below the confl Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS  TVS 50	Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chroni
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(i ccilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  tove Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute TVS  ic (mg/L)  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	Iteration       Iteration         Metals (ug/L)       acute         acute          340          340          TVS       5.0	Luence with N chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(i ccilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Fore Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic 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(T)	iately below the confl Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS  TVS 50	Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chroni
eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat hlorophyll a e facilities listed Dhosphorus(i cilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m ² )(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  tove Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute TVS  ic (mg/L)  0.019 0.005	MWAT CS-I chronic 6.0 7.0 150* 126 0.01 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Iteration       Iteration         Metals (ug/L)       acute         acute          340          340          TVS       5.0         TVS       5.0         TVS       50         TVS          SO       TVS         TVS       50	Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chronic Chroni
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oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities listed Phosphorus(i cilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  F. Coli (per 100 mL)  Nitrate Nitrate Nitrite	Biological DM CS-I acute   6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.05	MWAT CS-I Chronic 6.0 7.0  150* 126 0.01 Chronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	iately below the confi Metals (ug/L) acute 340 340 TVS 5.0 50 TVS 50 TVS TVS 50	Luence with N chronic  0.02  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  1000 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   TVS   TVS   TVS   TVS   TVS     TVS     TVS                                                                                   
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(i ccilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  F. Coli (per 100 mL)  Nitrate Nitrate Nitrate Nitrite Phosphorus	Biological DM CS-I acute  6.5 - 9.0  (c (mg/L) bic (mg/L) cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute cute	MWAT CS-I chronic 6.0 7.0 150* 126 0.01 Chronic TVS 0.75 250 0.011  0.05 0.11*	Atuminum 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(T) Molybdenum(T) Nickel	iately below the confl Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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    TVS	Luence with N chronic  0.02  TVS TVS TVS WS 1000 TVS/WS 0.01( <del>+</del> ) 150 TVS 1000
oulder Creek OSPBO02A esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(i ccilities listed Jranium(acut	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.           Physical and           Temperature °C           D.O. (mg/L)           D.O. (spawning)           pH           chlorophyll a (mg/m²)           E. Coli (per 100 mL)           noreal           Boron           Chloride           Chlorine           Cyanide           Nitrate           Nitrite           Phosphorus           Sulfate	Biological DM CS-1 acute    6.5 - 9.0   (  (  (   (  (  (  (  ( ( ( ( ( ()))) ( ( ())) ( ( ())) ( ( ())) ( ()) ( ()) ( ()) ( ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ()))) ()))) ()))) ()))) ()))) ()))) ())))) ())))))))))	MWAT CS-I chronic 6.0 7.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	iately below the confi Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TV	Luence with N chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Average of the second s	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.           Physical and           Temperature °C           D.O. (mg/L)           D.O. (spawning)           pH           chlorophyll a (mg/m²)           E. Coli (per 100 mL)           noreal           Boron           Chloride           Chlorine           Cyanide           Nitrate           Nitrite           Phosphorus           Sulfate	Biological DM CS-1 acute    6.5 - 9.0   (  (  (   (  (  (  (  ( ( ( ( ( ()))) ( ( ())) ( ( ())) ( ( ())) ( ()) ( ()) ( ()) ( ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ()))) ()))) ()))) ()))) ()))) ()))) ())))) ())))))))))	MWAT CS-I chronic 6.0 7.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	iately below the confi Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	Luence with N chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 1000 TVS 1000 TVS
oulder Creek OSPBO02A resignation reviewable tualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a he facilities listed Phosphorus(i acilities listed Jranium(acul	c, except for the specific listings in 3 Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m²)(chronic) = applies only ab sted at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Segment 3.           Physical and           Temperature °C           D.O. (mg/L)           D.O. (spawning)           pH           chlorophyll a (mg/m²)           E. Coli (per 100 mL)           noreal           Boron           Chloride           Chlorine           Cyanide           Nitrate           Nitrite           Phosphorus           Sulfate	Biological DM CS-1 acute    6.5 - 9.0   (  (  (   (  (  (  (  ( ( ( ( ( ()))) ( ( ())) ( ( ())) ( ( ())) ( ()) ( ()) ( ()) ( ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ()))) ()))) ()))) ()))) ()))) ()))) ())))) ())))))))))	MWAT CS-I chronic 6.0 7.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0	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(T) Molybdenum(T) Nickel Nickel(T) Selenium	iately below the confi Metals (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 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS	Luence with N chronic  0.02  TVS  TVS  TVS WS 1000 TVS 0.01( <del>t</del> ) 150 TVS 1000 TVS 0.01( <del>t</del> ) 150 TVS 1000 TVS

T = total recoverable

t = total

tr = trout

DM = daily maximum

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

OSPBO02B	Classifications	Physical and	l 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	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
senic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2024				Chromium III(T)	50	
		Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$		acute	chronic	Copper	TVS	TVS
hosphorus(c	chronic) = applies only above the $1285(4)$	Ammonia	TVS	TVS	Iron		WS
	a(30.5(4)). (e) = See 38.5(3) for details.	Boron		0.75	Iron(T)		1000
	pnic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Manganese Mercury(T)		0.01 <del>(t</del>
		Nitrite	<u>0.05</u> -	 0.05	Molybdenum(T)		150
				0.11*	Nickel	TVS	TVS
		Phosphorus Sulfate		WS	Nickel(T)		100
					Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium Zinc	<u>varies*</u> TVS	<u>varies'</u> TVS
	f Middle Boulder Creek, including all tri	1		t of Barker R	T	5 5	1.
	Classifications	Physical and	-			Metals (ug/L)	
acianation							
•	Agriculture		DM	MWAT		acute	chronic
•	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
•	Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	 340	
eviewable	Aq Life Cold 1	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T)	 340 	  0.02
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) <del>Beryllium</del>	 340 	  0.02
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	 340  TVS	chronic  0.02  TVS
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340 	 0.02 TVS
ualifiers: her:	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH	CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	 340  TVS	 0.02  TVS 
ualifiers: ther: emporary Ma senic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS 5.0	 0.02  TVS 
ualifiers: ther: emporary Me senic(chroni cpiration Date hlorophyll a	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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) Chromium VI	 340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
eviewable ualifiers: ther: emporary Mo rsenic(chroni cpiration Date hlorophyll a e facilities lis	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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)	 340  TVS 5.0  50	 0.02 TVS  TVS  TVS TVS
ualifiers: ther: emporary Ma rsenic(chroni xpiration Data hlorophyll a e facilities lis Phosphorus(c	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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	 340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS TVS
eviewable ualifiers: ther: emporary Me rsenic(chroni kpiration Date hlorophyll a e facilities lis Phosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar	CS-I acute  6.5 - 9.0  nic (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	 340  TVS 5.0  50 TVS TVS	
ualifiers: ther: emporary Me rsenic(chroni xpiration Date chlorophyll a e facilities lis Phosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute  6.5 - 9.0   nic (mg/L) 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	 340  TVS 5.0  50 TVS TVS TVS	
eviewable ualifiers: ther: emporary Mo rsenic(chroni cpiration Date hlorophyll a e facilities lis 'hosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute  6.5 - 9.0   hic (mg/L) acute TVS	CS-I chronic 6.0 7.0  150* 126 200 Chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS 5.0  50 TVS TVS TVS 	 0.02 TVS  TVS TVS TVS VS 1000 TVS
eviewable ualifiers: ther: emporary Me senic(chroni cpiration Date hlorophyll a e facilities lis hosphorus(c cilities listed lranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS 	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS 5.0  50 TVS TVS TVS  TVS	
aviewable ualifiers: her: emporary Me senic(chroni epiration Date hlorophyll a e facilities lis hosphorus(c cilities listed ranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	CS-I acute  6.5 - 9.0  inic (mg/L) acute TVS  C.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)	 340  TVS 5.0  50 TVS TVS  TVS 50	
aviewable ualifiers: her: emporary Me senic(chroni epiration Date hlorophyll a e facilities lis hosphorus(c cilities listed ranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  CVS  0.019 0.005	CS-I 6.0 7.0  150* 126 250 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  50 TVS TVS  TVS 50 TVS 50 TVS	
aviewable ualifiers: her: emporary Me senic(chroni epiration Date hlorophyll a e facilities lis hosphorus(c cilities listed ranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  CNI9 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(T)	 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	
eviewable ualifiers: ther: emporary Mo rsenic(chroni cpiration Date hlorophyll a e facilities lis 'hosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute  6.5 - 9.0  inic (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 0.0 Chronic TVS 0.75 250 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	
eviewable ualifiers: ther: emporary Mo rsenic(chroni cpiration Date hlorophyll a e facilities lis 'hosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  inic (mg/L) acute TVS  0.019 0.005 10 10 <u>0.05</u>	CS-I chronic 7.0 150* 126 Chronic Chronic 1250 0.011  0.05 0.11*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS WS 1000 TVS WS 0.01( <del>(</del> 150 TVS 100
eviewable ualifiers: ther: emporary Me rsenic(chroni kpiration Date hlorophyll a e facilities lis Phosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0     nic (mg/L)  TVS  10  0.019 0.005 10  10  10  	CS-I chronic 1,0 1,0 1,0 1,0 1,0 1,0 0,0 0,0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	
eviewable ualifiers: ther: emporary Me rsenic(chroni xpiration Date chlorophyll a e facilities lis Phosphorus(c cilities listed Jranium(acut	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above tted at 38.5(4). chronic) = applies only above the at 38.5(4). ite) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0     nic (mg/L)  TVS  10  0.019 0.005 10  10  10  	CS-I chronic 1,0 1,0 1,0 1,0 1,0 1,0 0,0 0,0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02

T = total recoverable

t = total

tr = trout

COSPBO04A	Classifications	Physical and	Biological			Vietals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		pH	6.5 - 9.0		Cadmium	TVS	TVS
emporary Mo	dification(c);	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
rsenic(chronic		E. Coli (per 100 mL)		126	Chromium III		TVS
,	e of 12/31/2024	, , , , , , , , , , , , , , , , , , ,			Chromium III(T)	50	
•	e) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	nic) = See $38.5(3)$ for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.019		Manganese	TVS	TVS/WS
		Nitrate	10		Manganese Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus	<u>0.05</u>	0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
					Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
							valles
d.	of South Boulder Creek, including al			eservoir to So	Zinc outh Boulder Road, except f	TVS	TVS
d.	of South Boulder Creek, including al	I tributaries and wetlands, from the Physical and		eservoir to So	Zinc outh Boulder Road, except f	TVS	TVS
d. OSPBO04B esignation	Classifications Agriculture		Biological DM	MWAT	Zinc outh Boulder Road, except f	TVS	TVS Segments 4c
d. COSPBO04B esignation eviewable	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	Zinc outh Boulder Road, except f	TVS or specific listings in S Metals (ug/L) acute	TVS Segments 4c
d. OSPBO04B esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT CS-II chronic	Zinc outh Boulder Road, except f Aluminum Arsenic	TVS or specific listings in s Metals (ug/L) acute	TVS Segments 4c chronic
d. OSPBO04B esignation eviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II chronic 6.0	Zinc nuth Boulder Road, except f Aluminum Arsenic Arsenic(T)	TVS or specific listings in S Metals (ug/L) acute	TVS Segments 4c chronic
d. OSPBO04B esignation eviewable	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	Zinc outh Boulder Road, except f Aluminum Arsenic	TVS or specific listings in 1 Metals (ug/L) acute 340 	TVS Segments 4c chronic  0.02
d. OSPBO04B esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0 	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS or specific listings in S Metals (ug/L) acute 340  TVS	TVS Segments 4c chronic
d. DSPB004B esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0  150*	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS or specific listings in 1 Metals (ug/L) acute 340 	TVS Segments 4c chronic  0.02  TVS 
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc The Boulder Road, except for Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS or specific listings in 3 Metals (ug/L) acute 340  TVS 5.0 	TVS Segments 4c chronic  0.02  TVS 
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150*	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS or specific listings in 3 Metals (ug/L) acute 340  TVS 5.0	TVS Segments 4c chronic  0.02  TVS 
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a (	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150*	Zinc Tinc Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS or specific listings in S Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS Segments 4c chronic  0.02  TVS  TVS  TVS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date thorophyll a ( e facilities list	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150*	Zinc Tuth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS or specific listings in 1 Metals (ug/L) acute 340  TVS 5.0  50	TVS Segments 4c chronic  0.02  TVS  TVS  TVS  TVS TVS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a ( e facilities list Phosphorus(c) cilities listed a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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 Tinc Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS or specific listings in S Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS Segments 4c chronic  0.02  TVS  TVS  TVS  TVS TVS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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 Tinc Suth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS or specific listings in 3 Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS	TVS Segments 4c chronic 0.02 TVS TVS TVS TVS TVS S
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) // Inorgan	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 Tinc Second Second Seco	TVS or specific listings in 1 Metals (ug/L) acute 340  340  50 TVS 5.0  50 TVS TVS TVS TVS	TVS Segments 4c chronic 0.02 TVS TVS TVS TVS TVS SVS WS 1000
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  () () () () ) CS-II )                                                                                                   	MWAT CS-II chronic 6.0 7.0  150* 126  chronic TVS 0.75	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS or specific listings in 3 Metals (ug/L) acute 340  TVS 5.0 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS 50	TVS Segments 4c chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL)  re 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 Tinc Second Second Seco	TVS or specific listings in 1 Metals (ug/L) acute 340  340  50 TVS 5.0  50 TVS TVS TVS TVS	TVS Segments 4c chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH  chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  finorgan  Ammonia Boron Chloride Chlorine	Biological DM CS-II CS-I	MWAT CS-II chronic 6.0 7.0 150* 126 126 0.01 Chronic TVS 0.75 250 0.011 	Zinc Turb Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS or specific listings in 3 Metals (ug/L) acute 340  TVS 5.0 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS 50	TVS Segments 4c chronic 0.02 TVS TVS TVS TVS WS 1000 TVS S TVS/WS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date thorophyll a ( e facilities list Phosphorus(ci cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  Inorgan  Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II CS-II CCS-II CCS-II CCS-I CCS CCS CCS CCS CCS CCS CCS CCS CCS CC	MWAT CS-II chronic 6.0 7.0 1.50* 126 126 Chronic TVS 0.75 250 0.011	Zinc Tinc Tinc 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(T) Molybdenum(T)	TVS or specific listings in 1 Metals (ug/L) acute  340  TVS 50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS   50 TVS 50 TVS   50 TVS        -	TVS Segments 4c chronic  0.02  TVS  TVS  1000 TVS  TVS.WS 0.01(#) 150
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( e facilities list Phosphorus(c) cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  Inorgan  Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II CS-II CCS-II CCS-I CCS-I CCCCCCCCCC	MWAT CS-II chronic 6.0 7.0 150* 126 126 0.01 Chronic TVS 0.75 250 0.011 	Zinc Turb Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS or specific listings in 1 Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS Segments 4c chronic  0.02  TVS  TVS  1000 TVS  TVS.WS 0.01(#) 150
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  F. Coli (per 100 mL)  Nitrate Nitrate Nitrate	Biological DM CS-II acute   6.5 - 9.0  (c (mg/L) ic (mg/L) acute  0.019 0.005 10 10  0.05	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Tinc Tinc 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(T) Molybdenum(T)	TVS or specific listings in 1 Metals (ug/L) acute  340  TVS 50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS   50 TVS 50 TVS   50 TVS        -	TVS Segments 4c chronic  0.02  TVS  TVS  TVS  TVS  TVS  TVS/WS 0.01(#) 150 TVS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Horgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II CS-I	MWAT           CS-II           chronic           6.0           7.0           126           126           Chronic           126           0.01           0.75           250           0.011              0.05           0.05           0.11*	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS           or specific listings in 3           Metals (ug/L)           acute           340              340              50           TVS              TVS           TVS           TVS           TVS           TVS	TVS Segments 4c chronic 0.02 TVS TVS TVS TVS 1000 TVS 0.01( <del>t)</del> 150 TVS 100
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date shlorophyll a ( e facilities list Phosphorus(c) cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  E. Coli (per 100 mL)  Inorgan  Ammonia Boron Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute     (  brown        -	MWAT           CS-II           chronic           6.0           7.0           126           0.75           0.75           250           0.011              0.011              0.05           0.11*           WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS or specific listings in 3 Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 T	TVS Segments 4c chronic 0.02 TVS TVS TVS TVS WS 1000 TVS 0.01(#) 150 TVS 1000 TVS
d. OSPBO04B esignation eviewable ualifiers: ther: emporary Mc rsenic(chronic xpiration Date chlorophyll a ( le facilities list Phosphorus(cl cilities listed a Jranium(acute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2024 (mg/m ² )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). e) = See 38.5(3) for details.	Physical and  Physical and  Temperature °C  D.O. (mg/L)  D.O. (spawning)  pH chlorophyll a (mg/m ² )  E. Coli (per 100 mL)  E. Coli (per 100 mL)  Inorgan  Ammonia Boron Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute     (  brown        -	MWAT           CS-II           chronic           6.0           7.0           126           0.75           0.75           250           0.011              0.011              0.05           0.11*           WS	Zinc Time Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS or specific listings in 1 Metals (ug/L) acute  340  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  TVS  TVS  TVS  TVS  TVS  TVS	TVS Segments 4c chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS

T = total recoverable

t = total

tr = trout

DM = daily maximum

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

	of Cowdrey Drainage from the sour						
COSPBO04C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	—	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium	-	-
Other:		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
*Uranium(acut	e) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*Uranium(chro	onic) = See 38.5(3) for details.	Inorgani	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
4d. Mainstem	of Cowdrey Drainage from immedia	ately downstream of the Davidson D	itch to the confluen	ice with Sout	h Boulder Creek.		
COSPBO04D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
							0.02 .0
Qualifiers:		рН	6.5 - 9.0		Beryllium	-	
Qualifiers: Other:		pH chlorophyll a (mg/m²)	6.5 - 9.0 	 150	<del>Beryllium</del> Cadmium		TVS
Other:	e) = See 38.5(3) for details.						-
Other: *Uranium(acut	e) = See 38.5(3) for details. nic) = See 38.5(3) for details.	chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Cadmium	TVS	-
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Cadmium Cadmium(T)	 TVS 5.0	 TVS 
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL)	  ic (mg/L)	150 126	Cadmium Cadmium(T) Chromium III	TVS 5.0 	 TVS  TVS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	  ic (mg/L) acute	150 126 chronic	Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	 TVS  TVS 
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	  ic (mg/L) acute TVS	150 126 <b>chronic</b> TVS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	TVS  TVS  TVS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	  ic (mg/L) acute TVS 	150 126 <b>chronic</b> TVS 0.75	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0  50 TVS TVS	TVS  TVS  TVS TVS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	  ic (mg/L) acute TVS 	150 126 <b>chronic</b> TVS 0.75 250	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS 5.0  50 TVS TVS TVS 	TVS  TVS  TVS TVS WS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 ic (mg/L) acute TVS  0.019	150 126 <b>chronic</b> TVS 0.75 250 0.011	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS 5.0  50 TVS TVS  	TVS  TVS  TVS TVS WS 1000
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	  ic (mg/L) acute TVS  0.019 0.005 10	150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS 5.0  50 TVS TVS  TVS	TVS  TVS  TVS TVS WS 1000 TVS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	  ic (mg/L) acute TVS  0.019 0.005	150 126 <b>chronic</b> TVS 0.75 250 0.011 	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	TVS  TVS  TVS TVS WS 1000 TVS 
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> -	150 126 <b>chronic</b> TVS 0.75 250 0.011  	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	TVS  TVS  TVS WS 1000 TVS  TVS/WS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>Chronic</b> TVS 0.75 250 0.011   0.5 0.17	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	TVS  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	TVS TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	TVS TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100
Other: *Uranium(acut		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011 0.5 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	 TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>1)</del> 150 TVS 100 TVS

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

5. Mainstein 0		Boulder Road to the confluence with	Boalao: ereela				
COSPBO05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	—	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium	_	
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	Inorgan	ic (mg/L)		Chromium III		TVS
Expiration Dat	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
6. Mainstem o	f Coal Creek, including all tributario	es and wetlands, from the source to	Highway 93.		Zinc	TVS	TVS
6. Mainstem o COSPBO06	f Coal Creek, including all tributarie	es and wetlands, from the source to Physical and			Zinc	TVS Metals (ug/L)	TVS
COSPBO06 Designation	Classifications Agriculture			MWAT	Zinc		TVS chronic
COSPBO06	Classifications Agriculture Aq Life Cold 2		Biological	MWAT CS-II	Zinc Aluminum	Metals (ug/L)	
COSPBO06 Designation	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and	Biological DM			Metals (ug/L)	chronic 
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	CS-II	Aluminum	Metals (ug/L) acute	chronic
COSPBO06 Designation	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute 	CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic 
COSPBO06 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-II acute 	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic  0.02-10 ^A
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and     Temperature °C     D.O. (mg/L)     D.O. (spawning)     pH	Biological DM CS-II acute  6.5 - 9.0	CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340  TVS	chronic  0.02-10 A  TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	Biological DM CS-II acute  6.5 - 9.0 	CS-II chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340   TVS 5.0	chronic  0.02-10 A  TVS 
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0 	CS-II chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS 5.0 	chronic  0.02-10 ^A  TVS  TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	CS-II chronic 6.0 7.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS 5.0  50	chronic  0.02-10 ^A  TVS  TVS 
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0   ic (mg/L)	CS-II chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS 5.0  50 TVS	chronic  0.02-10 A  TVS  TVS  TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute	CS-II chronic 6.0 7.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS  TVS TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute T∨S	CS-II chronic 6.0 7.0  150 126 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	chronic  0.02-10 ^A  TVS  TVS  TVS TVS TVS WS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	chronic  0.02-10 ^A  TVS  TVS  TVS TVS TVS WS 1000
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  	CS-II chronic 6.0 7.0  150 126  chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS 5.0 5.0  50 TVS TVS TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS S VS WS 1000 TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  c c.(mg/L) acute TVS  TVS  0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic   0.02-10 ^A  TVS  TVS  TVS TVS S WS 1000 TVS 
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute T∨S  0.019 0.005	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic   0.02-10 ^A  TVS  TVS TVS WS 1000 TVS  TVS/WS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute T∨S  0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic   0.02-10 Å  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acut	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute   6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10  0.015	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L)         acute            340            TVS         5.0            TVS         50         TVS         50         TVS         50         TVS         50         TVS            TVS            TVS            TVS         50         TVS	chronic   0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute T∨S  0.019 0.005 10  10 	CS-II chronic 1.0 1.50 1.26 Chronic Chronic 1.250 0.011  0.05 0.01	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T) Nickel	Metals (ug/L)         acute            340            340            50         TVS                  TVS	chronic   0.02-10 Å  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del> 150 TVS
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  (.5 - 9.0 (.5 - 9.0 (.0 - 9.0 (.1 - 9.0	CS-II chronic 1.0 1.50 126 Chronic Chronic 1.250 0.011 0.011 0.051 0.111 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	Metals (ug/L)         acute            340            340            50         TVS            TVS                  TVS	chronic   0.02-10 Å  TVS  TVS 3 TVS WS 1000 TVS 4 0.01( <del>+</del> ) 150 TVS 100
COSPBO06 Designation Reviewable Qualifiers: Other: *Uranium(acul	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  (.5 - 9.0 (.5 - 9.0 (.0 - 9.0 (.1 - 9.0	CS-II chronic 1.0 1.50 126 Chronic Chronic 1.250 0.011 0.011 0.051 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            50         TVS         50         TVS         50         TVS         50         TVS            50         TVS            TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS	chronic   0.02-10 Å  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del> 150 TVS 100 TVS

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

	of Coal Creek from Highway 93 to Classifications	Physical and	Biological		1	Metals (ug/L)	
	Agriculture	T Hysical and	DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		cinonic
	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		0.02
		chlorophyll a (mg/m ² )		150			
Other:					Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	c) = hybrid	Inorgani	ic (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	e) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*Uranium(chro	nic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
7b. Mainstem	of Coal Creek from Highway 36 to	the confluence with Boulder Creek.					

COSPB007B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>21</mark>	Temperature °C	WS- <mark>#!</mark>	WS- <mark>#!</mark>	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A
Qualifiers:		рН	6.5 - 9.0		Beryllium		-
Other:		chlorophyll a (mg/m2)			Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	<u>c) = hybrid</u>	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	e) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	nic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
	·	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSPBO08	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02</u></del>
ualifiers:		рН	6.5 - 9.0		Beryllium		
ther:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u></u>
emporary N	lodification(s):	Inorgani	ic (mg/L)		Chromium III	TVS	TVS
rsenic(chron			acute	chronic	Chromium III(T)	<u>50</u>	<del>100</del>
xpiration Da	te of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	$(mg/m^2)(chronic) = applies only above$	Boron		0.75	Copper	TVS	TVS
	sted at 38.5(4). chronic) = applies only above the	Chloride		<u>250</u> ⁻	Iron		<u>WS</u>
cilities listed	at 38.5(4).	Chlorine	0.019	0.011	lron(T)		1000
	te) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
Jranium(chro	onic) = See 38.5(3) for details.	Nitrate	<del>100</del> 10		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus	<u></u>	0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Guinde		0.002	Nickel(T)		100
					Selenium	 TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	<u>varies*</u> TVS	varies* TVS
) Mainstern (	of Boulder Creek from a point immedia	alv above the confluence with So	outh Boulder Creek	to the conflu		105	105
OSPBO09	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
ualifiers:		pH	6.5 - 9.0		Beryllium		
ther:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
lier.		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
				120	- · ·		TVS
	lodification(s):		io (ma/l )		Chromium III		
rsenic(chron	ic) = hybrid		ic (mg/L)	obronio	Chromium III		
rsenic(chron xpiration Da	ic) = hybrid te of 12/31/2024	Inorgani	acute	chronic	Chromium III(T)	50	
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani	acute TVS	TVS	Chromium III(T) Chromium VI	50 TVS	TVS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024	Inorgani Ammonia Boron	acute TVS 	TVS 0.75	Chromium III(T) Chromium VI Copper	50 TVS TVS	 TVS TVS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride	acute TVS 	TVS 0.75 250	Chromium III(T) Chromium VI Copper Iron	50 TVS TVS 	TVS TVS WS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine	acute TVS  0.019	TVS 0.75 250 0.011	Chromium III(T) Chromium VI Copper Iron Iron(T)	50 TVS TVS 	 TVS TVS WS 1000
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute TVS  0.019 0.005	TVS 0.75 250 0.011	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	50 TVS TVS  TVS	 TVS TVS WS 1000 TVS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS  0.019 0.005 10	TVS 0.75 250 0.011 	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	50 TVS TVS  TVS 50	TVS TVS WS 1000 TVS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS  0.019 0.005 10 <u>0.5</u> -	TVS 0.75 250 0.011  0.5	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	50 TVS TVS  TVS 50 TVS	 TVS TVS WS 1000 TVS  TVS/WS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS  0.019 0.005 10	TVS 0.75 250 0.011  0.5	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	50 TVS TVS  TVS 50 TVS 	 TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute TVS  0.019 0.005 10 <u>0.5</u> -	TVS 0.75 250 0.011  0.5  WS	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	50 TVS TVS  TVS 50 TVS 	 TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del> 150
rsenic(chron xpiration Da Jranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS  0.019 0.005 10 <u>0.5</u> -	TVS 0.75 250 0.011  0.5	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	50 TVS TVS  TVS 50 TVS 	TVS TVS WS 1000 TVS TVS/WS 0.01( <del>()</del> 150 TVS
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.5  WS	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> ) 150 TVS 100
rsenic(chron xpiration Da Jranium(acu	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.5  WS	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	50 TVS TVS  TVS 50 TVS  TVS	 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.5  WS	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	50 TVS TVS  TVS 50 TVS  TVS  TVS	TVS TVS WS 1000 TVS TVS/WS 0.01 <del>(t)</del> 150
rsenic(chron xpiration Da <u>Jranium(acu</u>	ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	acute TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.5  WS	Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(1)</del> 150 TVS 100 TVS

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

10. Mainstem	of Boulder Ofeek from the confide				1		
COSPBO10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporary M	odification(s).	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni		Inorgani	c (mg/L)		Chromium III		TVS
-	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite			Manganese	TVS	TVS/WS
			<u>0.5</u> -	<del>0.5<u></u> -</del>	-		
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
							vorioo*
					Uranium	varies*	varies*
					Zinc	TVS	TVS
	ies to Boulder Creek, including all s in Segments 5, 7a and 7b.	wetlands from a point immediately at	pove the confluence	e with South	Zinc	TVS	TVS
		wetlands from a point immediately at Physical and		e with South	Zinc Boulder Creek to the conflu	TVS	TVS
specific listing	s in Segments 5, 7a and 7b.	· · ·		e with South MWAT	Zinc Boulder Creek to the conflu	TVS uence with St. Vrain (	TVS
specific listing: COSPBO11 Designation	s in Segments 5, 7a and 7b. Classifications	· · ·	Biological		Zinc Boulder Creek to the conflu	TVS uence with St. Vrain ( Metals (ug/L)	TVS Creek, except for
specific listing: COSPBO11 Designation	s in Segments 5, 7a and 7b. Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc Boulder Creek to the conflu	TVS uence with St. Vrain ( Metals (ug/L) acute	TVS Creek, except for
specific listing: COSPBO11 Designation	s in Segments 5, 7a and 7b. Classifications Agriculture 2 Aq Life Warm <u>21</u>	Physical and	Biological DM WS-II	<b>MWAT</b> WS-II	Zinc Boulder Creek to the conflu Aluminum	TVS uence with St. Vrain ( Metals (ug/L) acute	TVS Creek, except for
specific listing: COSPBO11 Designation	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Zinc Boulder Creek to the conflu I Aluminum Arsenic	TVS uence with St. Vrain ( Metals (ug/L) acute 340	TVS Creek, except for chronic
specific listing: COSPBO11 Designation UP <u>Reviewable</u>	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340 	TVS Creek, except for chronic
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other:	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       pH	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium	TVS uence with St. Vrain ( Metals (ug/L) acute 340 	TVS Creek, except for chronic  0.02- <del>10</del> A
specific listing: COSPBO11 Designation UPReviewable Qualifiers:	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s):	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS	TVS Creek, except for chronic  0.02- <del>10</del> A  TVS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s):	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)	Biological DM WS-II acute  6.5 - 9.0   c (mg/L)	MWAT WS-II chronic 5.0  126	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0	TVS Creek, except for chronic  0.02-10 A  TVS 
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-II chronic 5.0  126 chronic	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50	TVS Creek, except for chronic  0.02- <del>10</del> A  TVS  TVS 
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) 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  126 chronic TVS	Zinc Boulder Creek to the conflut Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024	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  c (mg/L) C (mg/L)  TVS 	MWAT           WS-II           chronic           5.0              126           chronic           TVS           0.75	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS  TVS TVS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) 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  126 chronic TVS 0.75 250	Zinc Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS TVS STVS WS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) TVS  0.019	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011	Zinc Boulder Creek to the conflu- Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS  TVS  TVS  S VS 
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011 	Zinc Boulder Creek to the conflut Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS TVS TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS TVS STVS WS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM WS-II acute  6.5 - 9.0  () c (mg/L) acute TVS  0.019 0.005 10	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  1.25 0.011	Zinc Boulder Creek to the conflu Auminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS  50 TVS 50 TVS 50	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS  TVS  TVS  TVS 
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate         Nitrite	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10  10	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011 	Zinc Boulder Creek to the conflu 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 uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS 5.0 TVS 50 TVS 50 TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute 0.019 0.005 10 10  10 	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Zinc Boulder Creek to the conflu- Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium (II) Chromium (II) Chr	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del>
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) 0.019 0.005 10  10  10  10    10                                                                                                                                      	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Boulder Creek to the conflu- Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS uence with St. Vrain ( Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS   TVS 50 TVS 	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute 0.019 0.005 10 10  10 	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Zinc Boulder Creek to the conflu Auminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS uence with St. Vrain ( Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS   TVS 50 TVS   TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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    TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS SWS 0.01( <del>t)</del> 150 TVS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) 0.019 0.005 10  10  10  10    10                                                                                                                                      	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Boulder Creek to the conflu 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(T) Molybdenum(T) Nickel Nickel(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS TVS S S S S S S S S S S S S S S S S
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) 0.019 0.005 10  10  10  10    10                                                                                                                                      	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Boulder Creek to the conflu 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS uence with St. Vrain ( Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 1000 TVS
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) 0.019 0.005 10  10  10  10    10                                                                                                                                      	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Boulder Creek to the conflu 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(T) Molybdenum(T) Nickel Nickel(T)	TVS uence with St. Vrain ( Metals (ug/L) acute 340  TVS 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS TVS S S S S S S S S S S S S S S S S
specific listing: COSPBO11 Designation UPReviewable Qualifiers: Other: Temporary Mr Arsenic(chroni Expiration Dat	s in Segments 5, 7a and 7b. Classifications Agriculture Aq Life Warm 21 Recreation E Water Supply odification(s): ic) = hybrid re of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) 0.019 0.005 10  10  10  10    10                                                                                                                                      	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.011  0.5 WS	Zinc Boulder Creek to the conflu 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS uence with St. Vrain ( Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	TVS Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01( <del>t)</del> 150 TVS 100 TVS

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

12. Deleted.		T			T		
COSPBO12	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Reviewable							
Qualifiers:			acute	chronic			
Other:					-		
		Inorganic (m	g/L)				
			acute	chronic			
	nd reservoirs tributary to Boulder Cree			and James Pe	eak Wilderness Areas.		
COSPBO13	Classifications	Physical and Biolo	-			Metals (ug/L)	
Designation OW	Agriculture	<b>T</b> ( 10)	DM	MWAT		acute	chronic
000	Aq Life Cold 1 Recreation E	Temperature °C	CL	CL	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
Qualifiers:	Water oupply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	larger than 25 acres surface area. chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium III		TVS
reservoirs larg	er than 25 acres surface area.				Chromium III(T)	50	
	e) = See 38.5(3) for details.	Inorganic (m	• /		Chromium VI	TVS TVS	TVS TVS
<u>*Uranium(chro</u>	nic) = See 38.5(3) for details.	• ·	acute	chronic	Copper		WS
		Ammonia	TVS	TVS	Iron		
		Boron		0.75	Iron(T)	 TVS	1000 TVS
		Chloride		250	Lead	50	
		Chlorine	0.019	0.011	Lead(T) Manganese	TVS	TVS/WS
		Cyanide	0.005		Manganese Mercury(T)		0.01 <del>(t)</del>
		Nitrate	10		Molybdenum(T)		150
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus Sulfate		0.025* WS			100
					Nickel(T) Selenium	 TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	varies* TVS	<u>varies*</u> TVS
					ZIIIC	172	105

segment inclu COSPBO14	des Barker and Lakewood Reservoir. Classifications	Physica	I and Biological			Metals (ug/L)	
Designation	Agriculture		Ŭ	WAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CL,CLLvaries* CL,C		Aluminum	acute	chionic
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	DO(ma/l)		6.0			
	DUWS*	D.O. (mg/L)		7.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)			Beryllium		
		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
, ,	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron	· ·				Chromium III(T)	50	
Expiration Dat	te of 12/31/2024	Inc	organic (mg/L)		Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
	sted at 38.5(4), applies only to lakes larger than 25 acres surface area.	Ammonia	TVS	TVS	Iron		WS
*Classification	: DŬWS applies to Lakewood	Boron		0.75	lron(T)		1000
Reservoir only Phosphorus(	/. chronic) = applies only above the	Chloride		250	Lead	TVS	TVS
acilities listed	at 38.5(4), applies only to lakes and	Chlorine	0.019	0.011	Lead(T)	50	
	te) = See 38.5(3) for details.	Cyanide	0.005		Manganese	TVS	TVS/WS
	$rac{1}{2} = 000 0000 (0) 100 0000000000000000000000$	Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
*Temperature	=	Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
DM and MWA Barker Reserv	T=CL,CLL from 1/1-3/31	Phosphorus		0.025*	Nickel	TVS	TVS
	/011 /WAT=16.6 from 4/1-12/31	Sulfate		WS	Nickel(T)		100
All others	T=CL,CLL from 4/1-12/31	Sulfide		0.002	Selenium	TVS	TVS
	T=CL,CLL 110111 4/ 1-12/31				Silver	TVS	TVS(tr)
					Silver	1.40	
					Uranium Zinc	varies* TVS	varies* TVS
	ind reservoirs tributary to South Boulde	er Creek from the source to	Highway 93. All lakes a	nd reservoirs	Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
	nd reservoirs tributary to South Bouldes in segments 13 and 18.		Highway 93. All lakes an and Biological	nd reservoirs	Uranium Zinc tributary to Coal Creek fror	<u>varies*</u> TVS	<u>varies*</u> TVS
specific listing	s in segments 13 and 18.			nd reservoirs	Uranium Zinc tributary to Coal Creek fror	varies* TVS m the source to High	<u>varies*</u> TVS
specific listing COSPBO15 Designation	s in segments 13 and 18. Classifications		and Biological		Uranium Zinc tributary to Coal Creek fror	varies* TVS m the source to Highy Metals (ug/L)	varies* TVS way 93 except
specific listing COSPBO15 Designation	s in segments 13 and 18. Classifications Agriculture	Physica	and Biological	MWAT	Uranium Zinc tributary to Coal Creek fror	varies* TVS m the source to Highy Metals (ug/L)	varies* TVS way 93 except
Specific listing	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2	Physica	and Biological DM CL	MWAT CL	Uranium Zinc tributary to Coal Creek from	varies* TVS m the source to Highy Metals (ug/L) acute	varies* TVS way 93 except chronic
specific listing COSPBO15 Designation	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E	Physica Temperature °C	and Biological DM CL acute	MWAT CL chronic	Uranium Zinc tributary to Coal Creek fron Aluminum Arsenic	varies* TVS m the source to Highy Metals (ug/L) acute 340	varies* TVS way 93 except chronic
specific listing COSPBO15 Designation Reviewable	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physica Temperature °C D.O. (mg/L)	and Biological DM CL acute	MWAT CL chronic 6.0	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium	varies* TVS m the source to Hight Metals (ug/L) acute 340 	varies* TVS way 93 except chronic  0.02-10 ⁴
pecific listing COSPB015 Designation Reviewable Qualifiers:	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH	and Biological DM CL acute	MWAT CL chronic 6.0	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T)	varies* TVS m the source to Highy Metals (ug/L) acute 340	varies* TVS way 93 except chronic
specific listing COSPBO15 Designation Reviewable Qualifiers:	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	and Biological DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0  8*	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Varies* TVS m the source to Highy Metals (ug/L) acute 340  TVS 5.0	varies* TVS way 93 except chronic  0.02-10 ⁴  TVS 
specific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a	s in segments 13 and 18.  Classifications  Agriculture  Aq Life Cold 2  Recreation E  Water Supply  DUWS*  (ug/L)(chronic) = applies only above	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH	and Biological DM CL acute  6.5 - 9.0 	MWAT CL chronic 6.0 7.0 	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	varies* TVS m the source to Highy Metals (ug/L) acute 340  TVS 5.0 	varies* TVS way 93 except chronic  0.02-10 TVS  TVS
pecific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a he facilities list	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS*	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	and Biological DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Varies* TVS m the source to Highy Metals (ug/L) acute  340  TVS 5.0  50	<u>varies*</u> TVS way 93 except chronic  0.02-10 f  TVS  TVS 
specific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis and reservoirs Classification	s in segments 13 and 18.  Classifications  Agriculture  Aq Life Cold 2  Recreation E  Water Supply  DUWS*  (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.  DUWS applies to Kossler Lake only.	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	and Biological DM CL acute  6.5 - 9.0   organic (mg/L)	MWAT CL chronic 6.0 7.0  8* 126	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Varies* TVS m the source to Highy Metals (ug/L) acute 340  340  TVS 5.0  50 TVS	<u>varies*</u> TVS way 93 except chronic 0.02-10 4 TVS  TVS  TVS
pecific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis and reservoirs Classification Phosphorus(	s in segments 13 and 18.  Classifications  Agriculture  Aq Life Cold 2  Recreation E  Water Supply  DUWS*  (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes s larger than 25 acres surface area.  :: DUWS applies to Kossler Lake only. chronic) = applies only above the	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	and Biological DM CL acute  6.5 - 9.0  erganic (mg/L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Varies* TVS m the source to Highy Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS	Varies* TVS way 93 except chronic 0.02-10 4 TVS  TVS  TVS TVS TVS
specific listing COSPBO15 Designation Reviewable Qualifiers: Chlorophyll a he facilities lis and reservoirs Classification Phosphorus( acilities listed	s in segments 13 and 18.  Classifications  Agriculture  Aq Life Cold 2  Recreation E  Water Supply  DUWS*  (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.  DUWS applies to Kossler Lake only.	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia	and Biological DM CL CL acute 6.5 - 9.0 organic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126  126 	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	varies*           TVS           m the source to Highy           Metals (ug/L)           acute              340              340              5.0              50           TVS           50           TVS           SUBL              50           TVS           TVS           TVS              TVS	<u>varies*</u> TVS way 93 except chronic  0.02-10 ⁴  TVS  TVS TVS TVS TVS TVS WS
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: Chlorophyll a he facilities list and reservoirs? Classification Phosphorus( acilities listed eservoirs larg	s in segments 13 and 18.  Classifications  Agriculture  Aq Life Cold 2  Recreation E  Water Supply  DUWS*  (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.  DUWS applies only above the at 38.5(4), applies only to lakes and	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron	and Biological DM CL acute   6.5 - 9.0  organic (mg/L) acute TVS 	MWAT CL 6.0 7.0  8* 126 Chronic TVS 0.75	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           50           TVS                          TVS           TVS	varies*           TVS           way 93 except           chronic              0.02-10           TVS              TVS              TVS              TVS              TVS              TVS              TVS              TVS           WS           1000
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. :: DUWS applies only above the at 38.5(4), applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride	and Biological DM CL acute   6.5 - 9.0  organic (mg/L) acute TVS  	MWAT CL chronic 6.0 7.0  8* 126 126 Chronic TVS 0.75 250	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium III Chromium III Chromium III Choromium III Chromium III Chromium III Chromium III Chad	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           50           TVS           SUM              50           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS	varies*           TVS           way 93 except           chronic           0.02-10           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           WS
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine	and Biological DM CL	MWAT CL chronic 6.0 7.0  8* 126  Chronic TVS 0.75	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	varies*           TVS           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           TVS           TVS           50           TVS           TVS           TVS           TVS           TVS           50           TVS           TVS           TVS           50           TVS           50	varies*           TVS           way 93 except           chronic              0.02-10              TVS
specific listing COSPBO15 Designation Reviewable Qualifiers: Other: Chlorophyll a he facilities list and reservoirs Classification Phosphorus( facilities listed reservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride	and Biological DM CL acute   6.5 - 9.0  organic (mg/L) acute TVS  	MWAT CL chronic 6.0 7.0  8* 126 126 Chronic TVS 0.75 250	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           50           TVS           SUM              50           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS	Varies*           TVS           way 93 except           chronic              0.02-10              TVS              TVS              TVS              TVS              TVS           TVS           1000           TVS              TVS/WS
specific listing COSPBO15 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities list and reservoirs *Classification *Phosphorus( facilities listed reservoirs large *Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine	and Biological DM CL	MWAT CL chronic 6.0 7.0 8* 126 8* 126 0.0 125 0.0 5.2 50 0.011 	Uranium Zinc tributary to Coal Creek from Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	varies*           TVS           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           TVS           TVS           50           TVS           TVS           TVS           TVS           TVS           50           TVS           TVS           TVS           50           TVS           50	varies*           TVS           way 93 except           chronic              0.02-10              TVS              TVS              TVS              TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           US           TVS           0.01           TVS           0.01           TVS/WS           0.01(#)
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: chlorophyll a he facilities list and reservoirs Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine Cyanide	and Biological DM CL	MWAT CL chronic 6.0 7.0  8* 126  126  0.75  250 0.011 	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	varies*           TVS           m the source to Highy           Metals (ug/L)           acute              340              340              50           TVS           50           TVS           TVS           50           TVS              50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	varies*           TVS           way 93 except           chronic              0.02-10              TVS              TVS              TVS              TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: chlorophyll a he facilities list and reservoirs Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine Cyanide Nitrate	and Biological DM CL	MWAT CL chronic 6.0 7.0 8* 126 8* 126 0.0 125 0.0 5.2 50 0.011 	Uranium Zinc tributary to Coal Creek from Auminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Varies*           TVS           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              340              50           TVS           50           TVS              50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	varies*           TVS           way 93 except           chronic              0.02-10              TVS              TVS              TVS              TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           0.01(t)
pecific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a he facilities list ind reservoirs Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physica Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	and Biological DM CL acute   6.5 - 9.0  0.5 - 9.0   0.019 0.005 10 0.05 -	MWAT CL chronic 6.0 7.0  8* 126  126  250 0.011  250 0.011 	Uranium Zinc tributary to Coal Creek from 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(T) Molybdenum(T)	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS	varies*           TVS           way 93 except           chronic           0.02-10           TVS           US           1000           TVS           TVS/WS           0.01(t)           150
pecific listing COSPBO15 Designation Reviewable Qualifiers: Other: chlorophyll a he facilities list ind reservoirs Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inc Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus	and Biological DM CL acute CL	MWAT CL chronic 6.0 7.0  8* 126  0.075 250 0.011  0.025* 	Uranium Zinc tributary to Coal Creek from 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(T) Molybdenum(T) Nickel	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              50           TVS	Varies*           TVS           way 93 except           chronic           0.02-10              TVS              TVS              TVS              TVS              TVS              TVS              TVS           1000           TVS              TVS/WS           0.01(#)           150           TVS
specific listing COSPBO15 Designation Reviewable Qualifiers: Dther: chlorophyll a he facilities list and reservoirs Classification Phosphorus( acilities listed eservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chlorine Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	and Biological DM CL acute CL	MWAT CL chronic 6.0 7.0 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Uranium Zinc tributary to Coal Creek from 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(T) Molybdenum(T) Nickel Nickel(T)	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              340              50           TVS              TVS              TVS              TVS	varies*           TVS           way 93 except           chronic           0.02-10           TVS           1000           TVS           0.01(t)           150           TVS           TVS           1000
specific listing COSPBO15 Designation Reviewable Qualifiers: Other: Chlorophyll a he facilities list and reservoirs Classification Phosphorus( facilities listed reservoirs larg Uranium(acu	s in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. t: DUWS applies to Kossler Lake only. chronic) = applies only above the at 38.5(4), applies only to lakes and ger than 25 acres surface area. te) = See 38.5(3) for details.	Physical Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Chlorine Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	and Biological DM CL acute CL	MWAT CL chronic 6.0 7.0 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Uranium Zinc tributary to Coal Creek from Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	varies*           TVS           m the source to Highy           Metals (ug/L)           acute           340              340              340              50           TVS              TVS           TVS	Varies*           TVS           way 93 except           chronic              0.02-10              TVS              TVS              TVS              TVS              TVS              TVS              TVS              TVS           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

COSPBO16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	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)			Cadmium	TVS	TVS
<u>Uranium(acu</u>	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Uranium(chro	onic) = See 38.5(3) for details.	Inorgar	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Cumuo		01002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					oraniani	<u>vanco</u>	<u>vanoo</u>
					Zinc	TVS	TVS
7. All lakes a	and reservoirs tributary to Boulder C	reek from a point immediately belo	w the confluence wit	th South Bou	Zinc Ider Creek to the confluence	TVS ce with St. Vrain Cree	TVS
pecified in Se	and reservoirs tributary to Boulder C egments 15 and 16.	· ·		th South Bot	ulder Creek to the confluence	ce with St. Vrain Cree	-
pecified in Se COSPBO17	egments 15 and 16.	reek from a point immediately belo Physical and	Biological		ulder Creek to the confluence	ce with St. Vrain Cree Metals (ug/L)	ek, except as
pecified in So COSPBO17 Designation	egments 15 and 16. Classifications Agriculture	Physical and	Biological DM	MWAT	Ilder Creek to the confluence	ce with St. Vrain Cree	-
pecified in Se COSPBO17	egments 15 and 16. Classifications Agriculture Aq Life Warm 2	· ·	Biological DM WL	MWAT WL	Aluminum	ce with St. Vrain Cree Metals (ug/L) acute	ek, except as
pecified in Se COSPBO17 Designation	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic	ce with St. Vrain Cree Metals (ug/L)	ek, except as
pecified in So COSPBO17 Designation	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM WL acute 	MWAT WL	Aluminum	ce with St. Vrain Cree Metals (ug/L) acute	ek, except as chronic
pecified in Se COSPBO17 Designation Reviewable	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 	ek, except as chronic  0.02
pecified in So COSPBO17 Designation Reviewable	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (ug/L)	Biological DM WL acute 	MWAT WL chronic 5.0 	Aluminum Arsenic	Metals (ug/L) acute 340	ek, except as chronic
pecified in So COSPBO17 Designation Reviewable Qualifiers: Vater + Fish	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WL acute 	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 	ek, except as chronic  0.02
pecified in So COSPBO17 Designation Reviewable	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and       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 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Ve with St. Vrain Cree Metals (ug/L) acute 340  TVS	chronic  0.02  TVS
pecified in So OSPB017 resignation reviewable tualifiers: Vater + Fish ther:	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and       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 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Vetals (ug/L) acute  340  TVS 5.0	ek, except as chronic  0.02  TVS 
pecified in So COSPBO17 Designation Reviewable Qualifiers: Vater + Fish Other:	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* Standards Notification(s):	Physical and       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	MWAT WL chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340  TVS 5.0 	ek, except as chronic  0.02  TVS  TVS
ecified in So COSPBO17 resignation reviewable rualifiers: Vater + Fish tther: emporary M rsenic(chron	egments 15 and 16. Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* Standards Notification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM WL acute 6.5 - 9.0  ic (mg/L) acute	MWAT WL chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	ce with St. Vrain Cree Metals (ug/L) acute 340  TVS 5.0  50	ek, except as chronic  0.02  TVS  TVS 
ecified in So COSPBO17 esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Da Classificatior	egments 15 and 16.  Classifications  Agriculture  Aq Life Warm 2  Recreation E  Water Supply  DUWS*  Standards  Iodification(s): ic) = hybrid te of 12/31/2024  a: DUWS applies to Goosehaven	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WL acute 6.5 - 9.0  (c (mg/L) acute TVS	MWAT WL chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Ce with St. Vrain Cree Metals (ug/L) acute 340  TVS 5.0  50 TVS	ek, except as chronic  0.02  TVS  TVS  TVS  TVS
ecified in So OSPBO17 esignation eviewable tualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri	egments 15 and 16.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WL acute 6.5 - 9.0  (c (mg/L) CVS 	MWAT           WL           chronic           5.0              126           chronic           TVS           0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	ve with St. Vrain Cree Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	ek, except as chronic  0.02  TVS  TVS  TVS  TVS TVS
ecified in Se OSPBO17 esignation leviewable lualifiers: Jater + Fish ther: emporary M rsenic(chron xpiration Dal Classification leservoir, Eri aseline <u>Ress</u> leservoir and	egments 15 and 16.  Classifications  Agriculture  Aq Life Warm 2  Recreation E  Water Supply DUWS*  Standards  Iodification(s): ic) = hybrid te of 12/31/2024 i: DUWS applies to Goosehaven e Lake, Twomile Canyon Reservoir, Thomas I Waneka ReservoirsReservoir only.	Physical and 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	Biological DM WL acute 6.5 - 9.0  (c (mg/L) CVS  	MWAT WL chronic 5.0  126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	ce with St. Vrain Cree Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	ek, except as chronic  0.02  TVS  TVS  TVS  TVS WS
ecified in Se OSPBO17 esignation leviewable lualifiers: Jater + Fish ther: emporary M rsenic(chron xpiration Dal Classification leservoir, Eri aseline <u>Ress</u> leservoir and	egments 15 and 16.  Classifications  Agriculture  Aq Life Warm 2  Recreation E  Water Supply  DUWS*  Standards  Iodification(s): ic) = hybrid te of 12/31/2024  DUWS applies to Goosehaven e Lake, Twomile Canyon Reservoir, ervoir, Marshall_Reservoir, Thomas	Physical and 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	Biological DM WL acute 6.5 - 9.0  () () bic (mg/L) CVS  1 0.019	MWAT WL chronic 5.0  126 0 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	ce with St. Vrain Cree Metals (ug/L) acute 340 340 TVS 5.0 50 TVS TVS TVS	ek, except as chronic  0.02  TVS  TVS  TVS WS 1000
ecified in So OSPBO17 esignation eviewable tualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline Rese eservoir, and Jranium(acu	egments 15 and 16.  Classifications  Agriculture  Aq Life Warm 2  Recreation E  Water Supply DUWS*  Standards  Iodification(s): ic) = hybrid te of 12/31/2024 i: DUWS applies to Goosehaven e Lake, Twomile Canyon Reservoir, Thomas I Waneka ReservoirsReservoir only.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WL acute 6.5 - 9.0  ()  bic (mg/L) acute T∨S  0.019 0.005	MWAT WL chronic 5.0  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	ce with St. Vrain Cree Metals (ug/L) acute 340 340 TVS 5.0 50 TVS TVS TVS TVS TVS TVS TVS	ek, except as chronic  0.02  TVS  TVS  TVS VS VS 1000 TVS
ecified in Se COSPBO17 lesignation teviewable tualifiers: Vater + Fish Other: 'emporary M irsenic(chron ixpiration Dat Classification teservoir, Eri aseline_Rese teservoir, and Uranium(acu	egments 15 and 16.	Physical and     Temperature °C     D.O. (mg/L)     pH     chlorophyll a (ug/L)     E. Coli (per 100 mL)      Ammonia     Boron     Chloride     Chloride     Chlorine     Cyanide     Nitrate	Biological DM WL acute  () () () DM CM CM CM CM CM CM CM CM CM C	MWAT           WL           chronic           5.0              126           chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	ce with St. Vrain Cree Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50	ek, except as chronic   0.02  TVS  TVS  TVS WS 1000 TVS 
ecified in So OSPBO17 esignation eviewable tualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline Rese eservoir, and Jranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgar         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite	Biological DM WL acute 6.5 - 9.0  () ()  bic (mg/L)                                                                                                             	MWAT           WL           chronic           5.0              126           Chronic           TVS           0.75           250           0.011              0.55	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	ce with St. Vrain Cree Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	ek, except as chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
ecified in So OSPBO17 esignation eviewable tualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline Rese eservoir, and Jranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Mmonia         Boron         Chloride         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WL acute 6.5 - 9.0  bic (mg/L) xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute xcute x	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	ce with St. Vrain Cree Metals (ug/L) acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	ek, except as chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> )
eveified in Se OSPBO17 esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline_Rese eservoir, Eri aseline_Rese eservoir, and Jranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM VL Acute 6.5 - 9.0 6.5 - 9.0  ( 0.019 0.019 0.019 0.019 10 10 10  10 	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 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(T) Molybdenum(T)	ce with St. Vrain Cree Metals (ug/L) acute 340 340 TVS 5.0 TVS 50 TVS TVS TVS 50 TVS	ek, except as chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150
eveified in Se OSPBO17 esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline_Rese eservoir, Eri aseline_Rese eservoir, and Jranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM VL Acute 6.5 - 9.0 6.5 - 9.0  ( 0.019 0.019 0.019 0.019 10 10 10  10 	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 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(T) Molybdenum(T) Nickel	Cee with St. Vrain Cree         Metals (ug/L)         acute         340            340            340            50         TVS                     TVS	ek, except as chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
ecified in So OSPBO17 esignation eviewable tualifiers: /ater + Fish ther: emporary M rsenic(chron xpiration Dat Classification eservoir, Eri aseline Rese eservoir, and Jranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM VL Acute 6.5 - 9.0 6.5 - 9.0  ( 0.019 0.019 0.019 0.019 10 10 10  10 	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	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(T) Molybdenum(T) Nickel Nickel(T)	ce with St. Vrain Cree Metals (ug/L) acute 340  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TV	ek, except as chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100
ecified in Se COSPBO17 lesignation teviewable tualifiers: Vater + Fish Other: 'emporary M irsenic(chron ixpiration Dat Classification teservoir, Eri aseline_Rese teservoir, and Uranium(acu	egments 15 and 16.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM VL Acute 6.5 - 9.0 6.5 - 9.0  ( 0.019 0.019 0.019 0.019 10 10 10  10 	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.011  0.5 WS	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(T) Molybdenum(T) Nickel Nickel(T) Selenium	ce with St. Vrain Cree Metals (ug/L) acute acute a340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	ek, except as chronic   0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(+) 150 TVS 100 TVS

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

D.O. = dissolved oxygen

18. Gross Res	servior.							
COSPBO18	Classifications	Physi	cal and Biolog	gical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	<del>1/1 - 3/31</del>	CLLvaries*	CLL varies*	Aluminum		
	Water Supply	Temperature °C	4/1 - 12/31	CLL	<del>19.4</del>	Arsenic	340	
Qualifiers:	Water Cuppiy					Arsenic(T)		0.02
				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
*chlorophvll a	(ug/L)(chronic) = applies only above	D.O. (spawning)			7.0	Cadmium(T)	5.0	
the facilities list	sted at 38.5(4), applies only to lakes	pH		6.5 - 9.0		Chromium III		TVS
	s larger than 25 acres surface area. chronic) = applies only above the	-			 8*	Chromium III(T)	50	
facilities listed	at 38.5(4), applies only to lakes and	chlorophyll a (ug/L)				Chromium VI	TVS	TVS
-	per than 25 acres surface area. te) = See 38.5(3) for details.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
	$rac{1}{2}$ = See 38.5(3) for details.					Iron		WS
*Temperature			Inorganic (mg	/L)		Iron(T)		1000
	T=CLL from 1/1-3/31			acute	chronic	Lead	TVS	TVS
DIM=22.4 and	MWAT=19.4 from 4/1-12/31	Ammonia		TVS	TVS	Lead(T)	50	
		Boron			0.75	Manganese	TVS	TVS/WS
		Chloride			250	Mercury(T)		0.01 <del>(t)</del>
		Chlorine		0.019	0.011	Molybdenum(T)		150
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel(T)		100
		Nitrite		<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Selenium	TVS	TVS
		Phosphorus			0.025*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium	varies*	varies*
		Sulfide			0.002	Zinc	TVS	TVS

	,	tlands, which are within the Indian	Peaks Wilderness	Area and Ro	ocky Mountain National Pa	rk.	
COSPSV01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
-	te of 12/31/2024				Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.		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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus	<u></u>	0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
2a Mainstem	of St. Vrain Creek, including all tribu	aries and wetlands from the boun	dary of the Indian I	Peaks Wilder			
boundary of R	oosevelt National Forest.						
COSPSV02A	Classifications	Physical and	Dielegiaal				
			ыоюдісаі			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
-	Agriculture Aq Life Cold 1	Temperature °C	-	MWAT CS-I	Aluminum	,	chronic
<b>Designation</b> Reviewable	Agriculture Aq Life Cold 1 Recreation E		DM			,	chronic  
Reviewable	Agriculture Aq Life Cold 1		DM CS-I	CS-I	Aluminum	acute	-
-	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic	<mark>Aluminum</mark> Arsenic	acute 	
Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I acute 	CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	 0.02  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0 	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only litties listed at 38.5(4).	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	DM CS-1 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)	acute 340  TVS 5.0  50	 0.02  TVS  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a above the facii *Phosphorus(o	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	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 Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(of facilities listed	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani	DM CS-1 acute  6.5 - 9.0  ic (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	acute 340  TVS 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4).	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia	DM CS-1 acute  6.5 - 9.0   ic (mg/L) acute TVS	CS-I chronic 6.0 7.0  150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS 	CS-I chronic 6.0 7.0  150* 126 200 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS  	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS  TVS  TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	CS-I chronic 6.0 7.0  150* 126 26 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 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS TVS/WS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM CS-I acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS 	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS 
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u>	CS-I 6.0 7.0 150* 126 7/0 0.01 7/VS 0.75 250 0.011  0.05 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(T) Molybdenum(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute  6.5 - 9.0  (.5 - 9.0  (.5 - 9.0   0.5 - 9.0   0.019 0.005 10  0.05 	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1VS 0.75 250 0.011  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(T) Molybdenum(T) Nickel	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(c facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	CS-I 6.0 7.0 150* 126 7/0 0.01 7/VS 0.75 250 0.011  0.05 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(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 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 WS 1000 TVS  1000 TVS 
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(of facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1VS 0.75 250 0.011  0.011* 0.11* WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium III         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>t</del> ) 150 TVS 100 TVS 100 TVS 100 TVS
Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a above the facil *Phosphorus(of facilities listed *Uranium(acut	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2024 (mg/m2)(chronic) = applies only lities listed at 38.5(4). chronic) = applies only above the at 38.5(4). te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	CS-I chronic 1.0 1.50* 126 Chronic Chronic 1VS 0.75 250 0.011  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(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 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 WS 1000 TVS  1000 TVS 

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

D.O. = dissolved oxygen

zb. Mainstern	of St. Vrain Creek, including all tribu	taries and wetlands, from the easter	ern boundary of Ro	osevelt Natio	onal Forest to Hygiene Roa	id.	
COSPSV02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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/m2)		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2024				Chromium III(T)	50	
*chlorophyll a	(mg/m2)(chronic) = applies only	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
above the faci	ilities listed at 38.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	te) = See 38.5(3) for details.	Boron		0.75	lron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	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	varies*	varies*
					Zinc	TVS	TVS
3. Mainstem o	of St. Vrain Creek from Hygiene Road	d to the confluence with the South	Platte River.				
COSPSV03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM				
•	righteattare		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	MWAT WS-I	Aluminum	acute	chronic
-		Temperature °C			Aluminum Arsenic	acute  340	chronic 
-	Aq Life Warm 1	Temperature °C D.O. (mg/L)	WS-I	WS-I			
-	Aq Life Warm 1 <u>Water Supply</u>		WS-I acute	WS-I chronic	Arsenic	 340	
Reviewable	Aq Life Warm 1 <u>Water Supply</u>	D.O. (mg/L)	WS-I acute	WS-I chronic 5.0	Arsenic Arsenic(T)	340	
Reviewable Qualifiers: Other:	Aq Life Warm 1 <u>Water Supply</u>	D.O. (mg/L) pH	WS-I acute  6.5 - 9.0	WS-I chronic 5.0	Arsenic Arsenic(T) <del>Beryllium</del>	 340 	  <del>7.6<u>0.02</u> </del>
Reviewable Qualifiers: Other:	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s):	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	WS-I acute  6.5 - 9.0	WS-I chronic 5.0  	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	 340  TVS	  <del>7.6<u>0.02</u> </del>
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s):	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	WS-I acute  6.5 - 9.0 	WS-I chronic 5.0  	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium <u>Cadmium(T)</u>	 340  TVS <u>5.0</u>	  7 <u>.60.02</u>  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>lodification(s):</u> ic) = hybrid te of 12/31/2024	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	WS-I acute  6.5 - 9.0   c (mg/L)	WS-I chronic 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	 340  TVS <u>5.0</u> T <del>VS</del>	 7.6 <u>0.02</u>  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani	WS-I acute  6.5 - 9.0  c (mg/L) acute	WS-I chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III Chromium III(T)	 340  TVS <u>5.0</u> TVS <u></u>	 7.60.02  TVS  TVS 400
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>lodification(s):</u> ic) = hybrid te of 12/31/2024	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia	WS-I acute 6.5 - 9.0   c (mg/L) acute TVS	WS-I chronic 5.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS <u>5.0</u> T <del>VS</del> <u>50</u> TVS	 7.60.02  TVS  TVS 100 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron	WS-I acute  6.5 - 9.0  c (mg/L) acute TVS 	WS-I chronic 5.0  126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III Chromium III(T) Chromium VI Copper	 340  TVS <u>5.0</u> TVS TVS TVS TVS	 7 <u>.60.02</u>  TVS  TVS 100 TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	WS-I acute  6.5 - 9.0  c (mg/L) acute TVS 	WS-I           chronic           5.0              126           chronic           TVS           0.75          250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS <u>5.0</u> TVS TVS TVS TVS TVS	 7.60.02  TVS  TVS 100 TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	WS-I acute 6.5 - 9.0  c (mg/L) acute TVS  CO19	WS-I chronic 5.0  126 chronic TVS 0.75 <u>250</u> - 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS	 7.60.02  TVS  TVS 100 TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	WS-I           acute              6.5 - 9.0              c(mg/L)           acute           TVS              0.019           0.005	WS-I chronic 5.0  126 chronic TVS 0.75 <u>250</u> - 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS  TVS	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-I           acute              6.5 - 9.0                 c (mg/L)           acute           TVS              0.019           0.005           40010	WS-I chronic 5.0  126 chronic TVS 0.75 <u>250</u> - 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 <u>5.0</u> TVS <u>50</u> TVS TVS  TVS 5 <u>0</u>	 7.60.02  TVS  TVS 100 TVS TVS WS 1000 TVS 1000 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-I           acute              6.5 - 9.0                 c(mg/L)           acute           TVS              0.019           0.005           40010	WS-I           chronic           5.0              126           Chronic           TVS           0.75          250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS <u>5.0</u> <del>TVS</del> TVS TVS  TVS  TVS <u>50</u> TVS <u>50</u> TVS	  7.60.02  TVS  TVS  TVS  TVS   TVS        -
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrite Phosphorus	WS-I           acute              6.5 - 9.0                 c (mg/L)           acute           TVS              0.019           0.005           10010          0.5 ⁻	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS  TVS <u>50</u> TVS	 7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>()</del>
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I acute 6.5 - 9.0 6.7 - 9.0 c (mg/L) acute TVS 0.019 0.005 40010	WS-I         chronic         5.0            126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 7.60.02 TVS TVS 1VS 100 TVS TVS WS 1000 TVS 1000 TVS 0.01( <del>+)</del> 150
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I acute 6.5 - 9.0 6.7 - 9.0 c (mg/L) acute TVS 0.019 0.005 40010	WS-I         chronic         5.0            126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS  TVS 50 TVS 50 TVS	 7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS 1000 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I acute 6.5 - 9.0 6.7 - 9.0 c (mg/L) acute TVS 0.019 0.005 40010	WS-I         chronic         5.0            126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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  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    TVS   TVS    TVS     TVS    TVS   TVS 	  7.60.02  TVS  TVS  TVS  TVS   TVS         
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I acute 6.5 - 9.0 6.7 - 9.0 c (mg/L) acute TVS 0.019 0.005 40010	WS-I         chronic         5.0            126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS  TVS <u>50</u> TVS 50 TVS  TVS 50 TVS TVS	 7.60.02 TVS TVS 1VS 100 TVS TVS WS 1000 TVS WS 0.01( <del>+</del> ) 150 TVS 100 TVS 0.01( <del>+</del> ) 150 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I acute 6.5 - 9.0 6.7 - 9.0 c (mg/L) acute TVS 0.019 0.005 40010	WS-I         chronic         5.0            126         chronic         TVS         0.75        250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS <u>50</u> TVS TVS  TVS <u>50</u> TVS <u>50</u> TVS  TVS <u>50</u> TVS	 7.60.02 TVS TVS 100 TVS 1000 TVS WS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS

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

Segment 4b. COSPSV04A	Classifications	Physical and	Biological			Vetals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	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
emporary M	odification(s):	chlorophyll a (mg/m2)		150	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2024				Chromium III(T)	50	
Uranium(acu	te) = See 38.5(3) for details.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.		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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS
4b. Mainstem	of James Creek, including all tribut	aries and wetlands, from the source	to the confluence	with Left Han	d Creek.		
	Classifications	Physical and	-		I	Vetals (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	7.0	Cadmium	TVS	TVS
	odification(s):	pH chlorophyll a (mg/m2)		 150	Cadmium Cadmium(T)	TVS 5.0	
		рН	6.5 - 9.0		Cadmium Cadmium(T) Chromium III	5.0	
Cemporary M Arsenic(chron		pH chlorophyll a (mg/m2)	6.5 - 9.0 	 150	Cadmium Cadmium(T) Chromium III Chromium III(T)	5.0  50	 TVS 
Femporary M Arsenic(chron Expiration Dat	ic) = hybrid	pH chlorophyll a (mg/m2)	6.5 - 9.0  	 150	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0  50 TVS	 TVS  TVS
Temporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024	pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	6.5 - 9.0   c (mg/L) acute	 150	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0  50	 TVS  TVS TVS
Temporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	6.5 - 9.0   c (mg/L)	 150 126	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0  50 TVS	 TVS  TVS TVS WS
Temporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani	6.5 - 9.0   c (mg/L) acute	 150 126 chronic	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	5.0  50 TVS TVS 	 TVS  TVS TVS WS 1000
emporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0   c (mg/L) acute TVS	 150 126 <b>chronic</b> TVS 0.75 250	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0  50 TVS TVS  TVS	 TVS  TVS TVS WS
emporary M senic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0  c (mg/L) TVS 	 150 126 <b>chronic</b> TVS 0.75	Cadmium 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
emporary M senic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0  c (mg/L) acute TVS  	 150 126 <b>chronic</b> TVS 0.75 250	Cadmium 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
emporary M senic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0  c (mg/L) acute TVS  0.019	 150 126 <b>chronic</b> TVS 0.75 250 0.011	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	5.0  50 TVS TVS  TVS 50	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(+)</del>
emporary M rsenic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005	 150 126 <b>chronic</b> TVS 0.75 250 0.011	Cadmium 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  TVS/WS 0.01 <del>(†)</del> 150
emporary M rsenic(chron xpiration Dat <u>Jranium(acu</u>	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10	 150 126 <b>chronic</b> TVS 0.75 250 0.011 	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	5.0  50 TVS TVS  TVS 50 TVS 	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150
emporary M senic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> -	 150 126 <b>chronic</b> TVS 0.75 250 0.011  0.05	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	5.0  50 TVS TVS  TVS 50 TVS  	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del>
emporary M senic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0   c (mg/L) c	 150 126 <b>chronic</b> TVS 0.75 250 0.011  0.011	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	5.0  50 TVS TVS  TVS 50 TVS  TVS	 TVS TVS TVS 3 1000 TVS  TVS/WS 0.01( <del>()</del> 150 TVS
emporary M rsenic(chron xpiration Dat	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0   c (mg/L) TVS TVS 0.019 0.005 10 0.05	 150 126 <b>Chronic</b> TVS 0.75 250 0.011  0.011 0.05 0.11 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100
Temporary M Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0   c (mg/L) TVS TVS 0.019 0.005 10 0.05	 150 126 <b>Chronic</b> TVS 0.75 250 0.011  0.011 0.05 0.11 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> ) 150 TVS 100 TVS

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

	<b>. . .</b>	ibutaries and wetlands, from a point		the connuent		griway 36.	
COSPSV04C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	te of 12/31/2024				Chromium III(T)	50	
•	te) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
oramanyorne		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
					Lead	TVS	TVS
		Chloride		250			
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS
					ZINC	118	-
	-	putaries and wetlands from Highway		ce with St. Vra	ain Creek.		-
COSPSV05	f Left Hand Creek, including all trib Classifications	outaries and wetlands from Highway Physical and	Biological		ain Creek.	Metals (ug/L)	
COSPSV05 Designation	Classifications Agriculture			ce with St. Vra	ain Creek.		chronic
COSPSV05 Designation	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u></del>		Biological	MWAT	ain Creek.	Metals (ug/L)	
COSPSV05 Designation	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u> Recreation E</del>	Physical and	Biological DM	MWAT	ain Creek.	Metals (ug/L)	chronic 
COSPSV05 Designation Reviewable	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u></del>	Physical and	Biological DM <del>WS-I<u>CS-II</u> W</del>	MWAT <del>/S-I<u>CS-II</u></del>	Aluminum	Metals (ug/L) acute 	chronic 
COSPSV05 Designation Reviewable	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u> Recreation E</del>	Physical and Temperature °C	Biological DM <del>WS-I<u>CS-II</u> W</del> acute	MWAT /S-I <u>CS-II</u> chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSPSV05 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u> Recreation E</del>	Physical and Temperature °C D.O. (mg/L)	Biological DM <del>WS-ICS-II</del> <del>W</del> acute 	MWAT /S-I <u>CS-II</u> chronic 5 <u>6</u> .0	ain Creek. Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic 
COSPSV05 Designation Reviewable Qualifiers: Dther:	Classifications Agriculture Aq Life <del>Warm 2<u>Cold 1</u> Recreation E</del>	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM <del>WS-ICS-II</del> W acute  	MWAT / <del>S-I<u>CS-II</u> chronic 5<u>6</u>.0 <u>7.0</u> </del>	ain Creek. Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic   0.02- <del>10</del> A
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2)	Biological DM <u>WS-ICS-II</u> W acute   6.5 - 9.0	MWAT <u>IS-ICS-II</u> <u>Chronic</u> <u>56</u> .0 <u>7.0</u>  150	ain Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340  TVS	chronic  0.02- <del>10</del> A
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM WS-ICS-II W acute   6.5 - 9.0 	MWAT / <del>S-I<u>CS-II</u> chronic 5<u>6</u>.0 <u>7.0</u> </del>	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   TVS 5.0	chronic  0.02-10  TVS 
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply Indification(s): ic) = hybrid te of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	Biological DM WS-ICS-II W acute  6.5 - 9.0  	MWAT <u>IS-ICS-II</u> <u>Chronic</u> <u>56</u> .0 <u>7.0</u>  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340  TVS 5.0 	chronic  0.02-10 ^A  TVS  TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	Biological DM WS-ICS-II W acute  6.5 - 9.0   ic (mg/L)	MWAT (S-ICS-II Chronic 56.0 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 5.0  50 TVS	chronic  0.02-10 TVS  TVS  TVS  TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply Indification(s): ic) = hybrid te of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgan	Biological DM WS-ICS-II W acute  5 6.5 - 9.0   ic (mg/L) acute	MWAT (S-ICS-II Chronic 56.0 7.0  150 126 chronic	ain Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02-10 ^A  TVS  TVS  TVS TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM WS-ICS-II W acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT /S-ICS-II chronic 56.0 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  TVS 5.0  50 TVS TVS TVS	chronic  0.02-10 TVS  TVS  TVS  TVS TVS SVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-ICS-II W acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT /S-ICS-II chronic 56.0 7.0  150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	chronic  0.02-10 A  TVS  TVS  TVS TVS VS WS 1000
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-ICS-II W acute  5 6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  	MWAT (S-ICS-II Chronic 56.0 7.0 7.0 150 126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS	chronic  0.02-10 TVS  TVS  TVS  TVS S TVS WS
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine	Biological DM WS-ICS-II W acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT (S-ICS-II Chronic 56.0 7.0  150 126 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  50 TVS TVS TVS  TVS 50	Chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS 
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM WS-ICS-II W acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	MWAT /S-ICS-II Chronic 56.0 7.0  150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	chronic 
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM WS-ICS-II W acute   6.5 - 9.0   6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10	MWAT /S-ICS-II chronic 56.0 7.0  150 126 126 chronic TVS 0.75 250 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  TVS WS 0.01(+)
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate         Nitrite	Biological DM WS-ICS-II W acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	MWAT /S-ICS-II Chronic 56.0 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(T) Molybdenum(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02-10  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM WS-ICS-II W acute   6.5 - 9.0   6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10	MWAT /S-ICS-II chronic 56.0 7.0  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) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	Chronic   0.02-10  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate         Nitrite	Biological DM WS-ICS-II W acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.019	MWAT /S-ICS-II Chronic 56.0 7.0 1.0 120 120 Chronic TVS 0.75 250 0.011  0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic   0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>1)</del> 150 TVS 1000
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	Biological DM ₩S-ICS-II ₩ acute   6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	MWAT /S-ICS-II Chronic 56.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011  250 0.011  0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	chronic   0.02-10  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 1000 TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrite         Phosphorus         Sulfate	Biological DM WS-ICS-II W acute   6.5 - 9.0   6.5 - 9.0   0.019 0.005 10  0.019 0.005 10  	MWAT /S-ICS-II Chronic 56.0 7.0  150 126 126 Chronic TVS 0.75 250 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(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	Chronic   0.02-10  TVS  TVS  TVS  TVS  TVS  TVS  TVS                                                                                                                                                       
COSPSV05 Designation Reviewable Qualifiers: Dther: Femporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrite         Phosphorus         Sulfate	Biological DM WS-ICS-II W acute   6.5 - 9.0   6.5 - 9.0   0.019 0.005 10  0.019 0.005 10  	MWAT /S-ICS-II Chronic 56.0 7.0  150 126 126 Chronic TVS 0.75 250 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	chronic   0.02-10  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>1)</del> 150 TVS 1000 TVS
COSPSV05 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron Expiration Dat Uranium(acut	Classifications Agriculture Aq Life Warm 2 <u>Cold 1</u> Recreation E Water Supply dodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrite         Phosphorus         Sulfate	Biological DM WS-ICS-II W acute   6.5 - 9.0   6.5 - 9.0   0.019 0.005 10  0.019 0.005 10  	MWAT /S-ICS-II Chronic 56.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011  0.17 WS	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(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS	chronic     TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS

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

D.O. = dissolved oxygen

COSPSV06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Warm 2	Temperature °C	WS- <mark>111</mark>	WS- <mark>#!</mark>	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02</u></del>
ualifiers:		рН	6.5 - 9.0		Beryllium		
ther:		chlorophyll a (mg/m2)			Cadmium	TVS	TVS
emporary N	lodification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u></u>
rsenic(chron	iic) = hybrid	Inorgan	ic (mg/L)		Chromium III	<del>TVS</del>	TVS
xpiration Da	te of 12/31/2024		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
on(chronic) =	= current condition	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
anganese(a	c/ch) = current condition	Boron		0.75	Copper	TVS	TVS
xpiration Da	te of 12/31/2020	Chloride		<u>250</u> ⁻	<u>Iron</u>		WS
Jranium(acu	te) = See 38.5(3) for details.	Chlorine	0.019	0.011	lron(T)		1000
	onic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<del>100<u>10</u></del>		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
Boulder Re	servoir, Coot Lake, Left Hand Valle	y Reservoir and Spurgeon Reservo	ir.				
OSPSV07	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WL	14/1	A losses for come		
			112	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	 340	
	Water Supply	D.O. (mg/L)			_		  0.02
		D.O. (mg/L) pH	acute	chronic	Arsenic	340	
ualifiers:	Water Supply		acute 	chronic 5.0	Arsenic Arsenic(T)	340	
	Water Supply	pH	<b>acute</b>  6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic Arsenic(T) <del>Beryllium</del>	340  	0.02 
her:	Water Supply	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 5.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	340  TVS	0.02
t <b>her:</b> emporary N	Water Supply DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS 5.0	0.02 TVS
her: mporary N senic(chron	Water Supply DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0   ic (mg/L)	<b>chronic</b> 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS 5.0 	0.02  TVS  TVS
her: mporary M senic(chron piration Da	Water Supply DUWS* Iodification(s): iic) = hybrid	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute	chronic           5.0              126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS 5.0  50	0.02  TVS  TVS 
t <b>her:</b> emporary N senic(chron xpiration Daton on(chronic) =	Water Supply DUWS* Iodification(s): iic) = hybrid te of 12/31/2024	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	acute  6.5 - 9.0  ic (mg/L) acute TVS	chronic           5.0              126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS 5.0  50 TVS	0.02  TVS  TVS TVS TVS
her: emporary M senic(chron epiration Da en(chronic) = anganese(a	Water Supply DUWS* Nodification(s): nic) = hybrid te of 12/31/2024 = current condition	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0  ic (mg/L) acute TVS	chronic           5.0              126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS 5.0  50 TVS TVS	0.02 TVS TVS TVS TVS TVS TVS
her: mporary M senic(chron piration Da n(chronic) = anganese(a piration Da lassificatior	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 ii: DUWS applies to Boulder, Spurge	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic           5.0              126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS 	0.02 TVS TVS TVS TVS TVS US 1000
her: emporary M senic(chron piration Da on(chronic) : anganese(a opiration Da lassificatior d Left Hanc	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 i: DUWS applies to Boulder, Spurge d Valley Reservoirs only.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) acute TVS  CNS	chronic           5.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS 5.0  50 TVS TVS TVS 	0.02  TVS  TVS
her: emporary M senic(chron cpiration Da n(chronic) : anganese(a cpiration Da lassificatior d Left Hanc <u>ranium(acu</u>	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	chronic           5.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS 5.0  50 TVS TVS TVS  TVS	0.02
her: mporary M senic(chron piration Da n(chronic) : anganese(a piration Da lassificatior d Left Hanc ranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 i: DUWS applies to Boulder, Spurge d Valley Reservoirs only.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) acute T\/S  0.019 0.005 10	chronic           5.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS 5.0  50 TVS TVS  TVS 50	0.02
her: mporary M senic(chron piration Da n(chronic) : anganese(a piration Da lassificatior d Left Hanc ranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> -	chronic 5.0  126 chronic TVS 0.75 250 0.011  	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS	0.02
her: mporary M senic(chron piration Da n(chronic) : anganese(a piration Da lassificatior d Left Hanc ranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 10 <u>0.5</u> [−]	<pre>chronic 5.0 126 126 chronic TVS 0.75 250 0.011 0.5 WS</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	0.02
ther: emporary M senic(chron cpiration Da on(chronic) = anganese(a cpiration Da classification d Left Hanc dranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury[T] Molybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02
ther: emporary M senic(chron cpiration Da on(chronic) = anganese(a cpiration Da classification d Left Hanc dranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	<pre>chronic 5.0 126 126 chronic TVS 0.75 250 0.011 0.5 WS</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	0.02
her: emporary M senic(chron cpiration Da n(chronic) : anganese(a cpiration Da lassificatior d Left Hanc <u>ranium(acu</u>	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	<pre>chronic 5.0 126 126 chronic TVS 0.75 250 0.011 0.5 WS</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02
ther: emporary M senic(chron cpiration Da on(chronic) = anganese(a cpiration Da classification d Left Hanc dranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	<pre>chronic 5.0 126 126 chronic TVS 0.75 250 0.011 0.5 WS</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02
rsenic(chron kpiration Da on(chronic) = anganese(a kpiration Da Classification od Left Hanc Jranium(acu	Water Supply DUWS* lodification(s): iic) = hybrid te of 12/31/2024 = current condition ic/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurge d Valley Reservoirs only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	<pre>chronic 5.0 126 126 chronic TVS 0.75 250 0.011 0.5 WS</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02

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

		reek that are within the boundary of		VIIUEITIESS AI	ea and Rocky Mountain	National Park.	
COSPSV08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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
*Uranium(acu	te) = See 38.5(3) for details.	chlorophyll a (ug/L)			Cadmium(T)	5.0	
*Uranium(chro	onic) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgar	nic (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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
9. All lakes an	d reservoirs tributary to St. Vrain C	reek from sources to Hygiene Road	d, including Button F	Rock Reservo			
COSPSV09	Classifications	Physical and	l Biological			Metale (us/l)	
Designation			0			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	-	MWAT CL,CLL	Aluminum		chronic
-	Aq Life Cold 1 Recreation E	Temperature °C	DM		Aluminum Arsenic		chronic 
Reviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CL,CLL	CL,CLL	-	acute	-
-	Aq Life Cold 1 Recreation E		DM CL,CLL acute	CL,CLL chronic	Arsenic	acute  340	
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	DM CL,CLL acute	CL,CLL chronic 6.0	Arsenic Arsenic(T)	acute  340 	
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	DM CL,CLL acute 	CL,CLL chronic 6.0 7.0	Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	  0.02 
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	DM CL,CLL acute 	CL,CLL chronic 6.0 7.0	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340  TVS	  0.02 
Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL,CLL acute  6.5 - 9.0 	CL,CLL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL,CLL acute  6.5 - 9.0 	CL,CLL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL,CLL acute  6.5 - 9.0  	CL,CLL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL,CLL acute  6.5 - 9.0   nic (mg/L)	CL,CLL chronic 6.0 7.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM CL,CLL acute  6.5 - 9.0   hic (mg/L) acute	CL,CLL chronic 6.0 7.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM CL,CLL acute  6.5 - 9.0   hic (mg/L) acute TVS	CL,CLL chronic 6.0 7.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 	 0.02  TVS  TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CL,CLL acute  6.5 - 9.0   nic (mg/L) acute TVS 	CL,CLL 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	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CL,CLL acute  6.5 - 9.0   nic (mg/L) acute TVS  	CL,CLL 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	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CL,CLL acute  6.5 - 9.0  nic (mg/L) acute TVS   0.019	CL,CLL 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)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CL,CLL acute   6.5 - 9.0   0.5  CL   0.019 0.005 10	CL,CLL 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	acute 	 0.02 TVS TVS TVS TVS TVS WS 1000 TVS  TVS/WS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL,CLL acute   6.5 - 9.0   ()       	CL,CLL chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.011  125 125 125 125 125 125 125 125	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+</del> )
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL,CLL acute   6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10 0.05 -	CL,CLL chronic 6.0 7.0 126 126 Chronic Chronic 125 0.011 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>†)</del> 150
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL,CLL acute  6.5 - 9.0  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  10 	CL,CLL chronic 6.0 7.0 1.26 126 0.0 Chronic Chronic 0.0 0.011 0.0 0.0 0.0 0.0 0.0 0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 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(#) 150 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL,CLL acute   6.5 - 9.0   0.5     0.019 0.005 10  10   0.019	CL,CLL chronic 6.0 7.0 1.26 126 Chronic Chronic 1250 0.011 0.011  0.05 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	acute  340  TVS 5.0  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 WS 1000 TVS   TVS/WS 0.01(#) 150 TVS 1000 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL,CLL acute   6.5 - 9.0   0.5     0.019 0.005 10  10   0.019	CL,CLL chronic 6.0 7.0 1.26 126 0.0 Chronic Chronic 0.0 0.011 0.0 0.0 0.0 0.0 0.0 0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>t)</del> 150 TVS 100

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

10. All lakes and reservoirs tributary to Left Hand	Creek from sources to Highway 3	0.				
COSPSV10 Classifications	Physical and	d Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
Recreation E		acute	chronic	Arsenic	340	
Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
DUWS*	D.O. (spawning)		7.0	Beryllium	_	
Qualifiers:	pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
*======================================	E. Coli (per 100 mL)		126	Chromium III		TVS
*chlorophyll a (ug/L)(chronic) = applies only above the facilities listed at 38.5(4), applies only to lakes	8			Chromium III(T)	50	
and reservoirs larger than 25 acres surface area. *Classification: DUWS applies to Joder Reservoir		nic (mg/L)		Chromium VI	TVS	TVS
only.		acute	chronic	Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 38.5(4), applies only to lakes an	Ammonia	TVS	TVS	Iron		WS
reservoirs larger than 25 acres surface area.	Boron		0.75	lron(T)		1000
<u>*Uranium(acute) = See 38.5(3) for details.</u>	Chloride		250	Lead	TVS	TVS
<u>*Uranium(chronic) = See 38.5(3) for details.</u>	Chlorine	0.019	0.011	Lead(T)	50	
	Cyanide	0.005		Manganese	TVS	TVS/WS
	Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
	Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
				Zinc	TVS	TVS
11 Barbour Bonde	·					
11. Barbour Ponds.	Physical and	d Biological			Metals (ug/L)	
COSPSV11 Classifications	Physical and	-	MWAT		Metals (ug/L) acute	chronic
		DM	MWAT WL	Aluminum	Metals (ug/L) acute	chronic
COSPSV11 Classifications Designation Agriculture	Physical and Temperature °C	-	MWAT WL chronic	Aluminum Arsenic	acute	chronic 
COSPSV11         Classifications           Designation         Agriculture           Reviewable         Aq Life Warm 1	Temperature °C	DM WL	WL chronic	Arsenic	,	
COSPSV11         Classifications           Designation         Agriculture           Reviewable         Aq Life Warm 1           Recreation E         E	Temperature °C D.O. (mg/L)	DM WL acute	WL	Arsenic Arsenic(T)	acute  340	
COSPSV11     Classifications       Designation     Agriculture       Reviewable     Aq Life Warm 1       Recreation E     Water Supply       Qualifiers:     Image: Content of the second se	Temperature °C D.O. (mg/L) pH	DM WL acute 	WL chronic 5.0	Arsenic Arsenic(T) Beryllium	acute  340 	 0.02
COSPSV11     Classifications       Designation     Agriculture       Reviewable     Aq Life Warm 1       Recreation E     Water Supply       Qualifiers:     Other:	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute  6.5 - 9.0 	WL chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	 0.02  TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0  	WL chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS 5.0	 0.02  TVS 
COSPSV11     Classifications       Designation     Agriculture       Reviewable     Aq Life Warm 1       Recreation E     Water Supply       Qualifiers:     Other:	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   nic (mg/L)	WL chronic 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02  TVS  TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga	DM WL acute  6.5 - 9.0   nic (mg/L) acute	WL chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron	DM WL acute  6.5 - 9.0   nic (mg/L) acute TVS 	WL           chronic           5.0              126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	DM WL acute  6.5 - 9.0   nic (mg/L) acute TVS  	WL chronic 5.0  126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS TVS TVS TVS WS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019	WL chronic 5.0  126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005	WL chronic 5.0  126 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS	 0.02 TVS  TVS  TVS TVS VS 1000 TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10	₩L chronic 5.0 126 126 Chronic Chronic 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 5.0  50 TVS TVS TVS TVS  TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> -	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorga  Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T).	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>t</del> )
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 -  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorga  Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS 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  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  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  TVS   TVS   TVS       	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS S US/WS 0.01( <del>()</del> 150 TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 -  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS 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( <del>+)</del> 150 TVS 100
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 -  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> ) 150 TVS 1000 TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 -  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS WS 1000 TVS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 100 TVS
COSPSV11       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 1         Recreation E       Water Supply         Qualifiers:       Other:         *Uranium(acute) = See 38.5(3) for details.	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10  0.5 -  	WL chronic 5.0  126 chronic TVS 0.75 250 0.011  0.5  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> ) 150 TVS 1000 TVS

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

12. All lakes a	and reservoirs tributary to Left Hand	orook nom nightay oo to the oon			opt do opoolliou ili oogilio		
COSPSV12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	_	_
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish	n Standards	chlorophyll a (ug/L)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary N	Modification(s):	Inorgan	nic (mg/L)		Chromium III		TVS
Arsenic(chror	nic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Da	ate of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*Uranium(acu	ute) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
*Uranium(chr	ronic) = See 38.5(3) for details.	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
13. All lakes a	and reservoirs tributary to St. Vrain 0	Creek from Hygiene Road to the co	nfluence with the So	outh Platte R	Zinc	TVS	TVS
13. All lakes a	and reservoirs tributary to St. Vrain ( Classifications	Creek from Hygiene Road to the co Physical and		outh Platte R	Zinc iver, except as specified in	TVS	TVS
	Classifications	1		outh Platte R	Zinc iver, except as specified in	TVS Segments 7, 10, 11	TVS
COSPSV13	Classifications	1	Biological		Zinc iver, except as specified in	TVS Segments 7, 10, 11 a Metals (ug/L)	TVS and 12.
COSPSV13 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc iver, except as specified in	TVS Segments 7, 10, 11 a Metals (ug/L)	TVS and 12.
COSPSV13 Designation	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and	Biological DM WL	MWAT WL	Zinc iver, except as specified in Aluminum	TVS Segments 7, 10, 11 a Metals (ug/L) acute	TVS and 12. chronic
COSPSV13 Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WL acute	MWAT WL chronic	Zinc iver, except as specified in Aluminum Arsenic	TVS Segments 7, 10, 11 a Metals (ug/L) acute 340	TVS and 12. chronic 
COSPSV13 Designation	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM WL acute 	MWAT WL chronic 5.0	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T)	TVS a Segments 7, 10, 11 a Metals (ug/L) acute 340 	TVS and 12. chronic 
COSPSV13 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340 	TVS and 12. chronic  0.02-10 ^A
COSPSV13 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and 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 	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium	TVS 1 Segments 7, 10, 11 1 Metals (ug/L) acute  340  TVS	TVS and 12. chronic  0.02-10 ^A
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and 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 	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS 1 Segments 7, 10, 11 7 Metals (ug/L) acute 340  TVS 5.0	TVS and 12. chronic  0.02-10 A  TVS 
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM WL acute  6.5 - 9.0   tic (mg/L)	MWAT WL chronic 5.0  126	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0 	TVS and 12. chronic  0.02-10 Å  TVS  TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS*	Physical and 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 tic (mg/L) acute	MWAT WL chronic 5.0  126 chronic	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS 1 Segments 7, 10, 111 Metals (ug/L) acute  340  TVS 5.0  50	TVS and 12. chronic  0.02-10 ^A  TVS  TVS  TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WL acute  6.5 - 9.0  tic (mg/L) acute TVS 	MWAT WL chronic 5.0  126 chronic TVS 0.75	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 1 Segments 7, 10, 111 Metals (ug/L) acute  340  TVS 5.0  50 TVS	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS  TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM WL acute 6.5 - 9.0   hic (mg/L) acute TVS	MWAT WL chronic 5.0  126 chronic TVS	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 1 Segments 7, 10, 11 7 Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS  TVS 
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WL acute  6.5 - 9.0  c ic (mg/L) acute TVS  	MWAT WL chronic 5.0  126 chronic TVS 0.75 250	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 	TVS and 12. chronic  0.02-10 Å  TVS  TVS  TVS TVS WS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WL acute  6.5 - 9.0   bic (mg/L) acute TVS  0.019 0.005	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS VS VS VS VS WS 1000
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WL acute  6.5 - 9.0  tic (mg/L) acute TVS  0.019 0.005 10	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011 	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 1 Segments 7, 10, 111 Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS TVS TVS	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS VS VS VS VS WS 1000
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WL acute  6.5 - 9.0   bic (mg/L) acute TVS  0.019 0.005	MWAT WL chronic 5.0  126 chronic TVS 0.75 250 0.011 	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 1 Segments 7, 10, 11 1 Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS VS VS VS VS VS VS VS VS VS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> [−]	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS WS 0.02+        -
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Zinc iver, except as specified in 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(T) Molybdenum(T)	TVS 1 Segments 7, 10, 111 4 Metals (ug/L)  acute  340 340 TVS 5.0 50 TVS 50 TVS TVS 50 T	TVS and 12.  chronic  0.02-10 A TVS TVS TVS TVS VS TVS WS 1000 TVS TVS/WS 0.01( <del>+</del> ) 150
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> [−]	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5	Zinc iver, except as specified in 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(T) Molybdenum(T) Nickel	TVS 1 Segments 7, 10, 11 7 Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS  50 TVS  50 TVS  50 TVS   TVS   TVS    TVS                                                                                                                                                                                                                                   	TVS and 12.  chronic
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Zinc iver, except as specified in Atuminum 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(T) Nickel Nickel(T)	TVS 1 Segments 7, 10, 11 7 Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50	TVS and 12.  chronic  0.02-10  TVS  TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(acu	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 	TVS and 12.  chronic  0.02-10  TVS  TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(acu	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS  Segments 7, 10, 111  Metals (ug/L)  acute  340   TVS  50  TVS  50  TVS  TVS  50  TVS	TVS and 12.  chronic  0.02-10 A TVS
COSPSV13 Designation Reviewable Qualifiers: Other: *Classification *Uranium(act	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply DUWS* n: DUWS applies to Burch lake only. ute) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	MWAT WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Zinc iver, except as specified in Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS a Segments 7, 10, 11 a Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 	TVS and 12. chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100 TVS

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

1a. Mainstem o	of the South Platte River from a point i	mmediately below the confluence wit	h Big Dry Cree	ek to the cont	fluence with St. Vrain Cr	eek.	
COSPMS01A	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP <u>Reviewable</u>	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WS- <mark>#]</mark>	WS- <mark>#!</mark>	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	varies*	varies*	Arsenic(T)		0.02 ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish S	Standards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary Mo	odification(s):	Inorganic (mg/L)		Chromium III		TVS	
Arsenic(chronic	c) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Date	e of 12/31/2024	Ammonia	TVS*	TVS*	Chromium VI	TVS	TVS
*Ammonia(acu	te) = See section 38.6(4) <del>attached</del>	Boron		0.75	<u>Copper</u>		<u>18.0*</u>
	pecific standards. onic) = See section 38.6(4)attached	Chloride		250	Copper	<del>35.1<u>26.4</u>*</del>	
table for site-sp	pecific standards.	Chlorine	0.019	0.011	Copper	-	<del>23.5*</del>
*Copper(acute) Cu FMB(ac)=3	) = Copper BLM-based FMB 5-1-26-4 ug/l	Cyanide	0.005		Iron		WS
*Copper(chroni	ic) = Copper BLM-based FMB	Nitrate	10		Iron(T)		1000
Cu FMB(ch)= 2	<del>/3.5_18.0_</del> ug/l e) = See 38.5(3) for details.	Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Lead	TVS	TVS
	nic) = See 38.5(3) for details.	Phosphorus			Lead(T)	50	
*D.O. (mg/L)(ad	cute) = See section 38.6(4)attached	Sulfate		WS	Manganese	TVS	TVS/WS
	pecific standards. hronic) = See section 38.6(4)	Sulfide		0.002	Mercury(T)		0.01 <del>(t)</del>
	for site-specific standards.				Molybdenum(T)		150
					Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>varies*</u>
					Zinc	TVS	TVS

COSPMS01B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>21</mark>	Temperature °C	WS- <mark>#!</mark>	WS- <mark>#]</mark>	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		
Nater + Fish	Standards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Other:		Inorganic (mg/L)		Chromium III		TVS	
Temporary M	odification(s):		acute	chronic	Chromium III(T)	50	
Arsenic(chroni	ic) = hybrid	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024	Boron		0.75	Copper	TVS	TVS
l Iranium(acut	te) = See 38.5(3) for details.	Chloride		250	Iron		WS
	pnic) = See 38.5(3) for details.	Chlorine	0.019	0.011	lron(T)		1000
<u>oranian (on c</u>		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

2. Deleted.							
COSPMS02	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Reviewable							
Qualifiers:			acute	chronic			
Other:							
		Inorganic (m	g/L)				
			acute	chronic			
3a. All tributarie specific listings	es to the South Platte River, including a in the subbasins of the South Platte R	all wetlands, from a point immediatel River, and in Segments 3b, 5a, 5b, 5c	y below the co , and 6.	nfluence with	n Big Dry Creek to the Wel	d/Morgan County line	, except for
COSPMS03A	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish S	Standards	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary Mo	odification(s):	Inorganic (m	g/L)		Chromium III		TVS
Arsenic(chronic	c) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Date	e of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*chlorophvll a (	mg/m ² )(chronic) = applies only above	Boron		0.75	Copper	TVS	TVS
the facilities list	ted at 38.5(4).	Chloride		250	Iron		WS
facilities listed	hronic) = applies only above the at 38.5(4).	Chlorine	0.019	0.011	lron(T)		1000
*Uranium(acute	e) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
<u>*Uranium(chroi</u>	nic) = See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	varies*
					Zinc	TVS	TVS

I

COSPMS03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	_	
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		narrative*	Arsenic(T)		<del>100<u>0.02-10</u></del>
ualifiers:		рН	6.5 - 9.0		Beryllium		
)ther:		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u></u>
		Inorgan	ic (mg/L)		Chromium III	<del>TVS</del>	TVS
	te) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>
	onic) = See 38.5(3) for details. chronic) = When water is present, D.O.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
oncentrations	s shall be maintained at levels that	Boron		0.75	Copper	TVS	TVS
rotect classifi	ied uses.	Chloride		<u>250</u> -	Iron		<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<del>100<u>10</u></del>		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS -	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	<u></u>	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
				Uranium	-varies*	varies*	
					Zinc	TVS	TVS
I. Barr Lake a	nd Milton Reservoir.						
	Ole selficetions	Physical and	Biological				
OSPMS04	Classifications		Biological			Metals (ug/L)	
	Agriculture	,	DM	MWAT		Metals (ug/L) acute	chronic
		Temperature °C		MWAT WL	Aluminum	,	chronic
esignation	Agriculture		DM			acute	
esignation	Agriculture Aq Life Warm 2		DM WL	WL	Aluminum	acute	
esignation	Agriculture Aq Life Warm 2 Recreation E	Temperature °C	DM WL acute	WL chronic	<mark>Aluminum</mark> Arsenic	acute  340	
Designation IP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM WL acute 	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Designation IP Qualifiers: Vater + Fish	Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	DM WL acute  6.5 - 9.0	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) <del>Beryllium</del>	acute  340 	 0.02 
Designation IP Qualifiers: Vater + Fish Other:	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0 	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	 0.02  TVS
Designation JP Qualifiers: Vater + Fish Other:	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0 	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 	 0.02  TVS 
resignation P Rualifiers: Vater + Fish Vther: emporary M rsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   ic (mg/L)	WL chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02  TVS  TVS
P Iualifiers: Vater + Fish Other: emporary M rsenic(chroni xpiration Dat	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0  ic (mg/L) acute	WL chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
Pesignation P Qualifiers: Vater + Fish Other: remporary M rsenic(chroni xpiration Dat Uranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0   ic (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute acute 340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
P Iualifiers: Vater + Fish Wher: emporary M rsenic(chroni xpiration Dat Uranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WL acute  6.5 - 9.0   ic (mg/L) acute TVS 	WL           chronic           5.0              126           chronic           TVS           0.75           250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute acute 340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
esignation P Jualifiers: Jater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0   ic (mg/L) acute TVS   0.019	WL chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute acute 340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0   ic (mg/L) acute TVS  TVS  0.019 0.005	WL chronic 5.0  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	acute acute 340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	WL chronic 5.0  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	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS TVS TVS S S WS 1000 TVS
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0   ic (mg/L) acute TVS  TVS  0.019 0.005	WL chronic 5.0  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)	acute acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.05	WL chronic 5.0  126 ( Chronic TVS 0.75 250 0.011  ( 0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02 TVS  TVS  TVS TVS WS 1000 TVS  TVS/WS
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.019	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Berylium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS S 1000 TVS S 0.01( <del>t)</del> 150
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.05	WL chronic 5.0  126 ( Chronic TVS 0.75 250 0.011  ( 0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute acute 340  TVS 5.0  50 TVS TVS TVS  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 S S
esignation P ualifiers: later + Fish ther: emporary M rsenic(chroni kpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.019	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS S 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS S 1000
esignation P ualifiers: later + Fish ther: emporary M rsenic(chroni kpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.019	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS 100 TVS
esignation P ualifiers: /ater + Fish ther: emporary M rsenic(chroni xpiration Dat Jranium(acut	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  0.019	WL chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02 TVS  TVS TVS TVS S 1000 TVS  TVS/WS 0.01( <del>+</del> ) 150 TVS S 1000

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

1 1		to the confluence with the South P	latte River.				
COSPMS05A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		-
	Recreation N		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
*Dh h (-		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
*Phosphorus(c) facilities listed a	hronic) = applies only above the at 38.5(4).	Inorgani	c (mg/L)		Chromium III		TVS
*Uranium(acute	e) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	50	
*Uranium(chror	nic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-	varies*
					Zinc	TVS	TVS
5b. Mainstem c	of Box Elder Creek from the confluen	ce with Coyote Run to the Denve	r Hudson Canal.				
COSPMS05B	Classifications	Physical and	Biological			Metals (ug/L)	
_	Agriculture		DM	MWAT		acute	chronic
	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Mater Oursels			110 111	Auminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation N	D.O. (mg/L)	acute			340	 <del>100<u>0.02-10</u> A</del>
Qualifiers:		D.O. (mg/L) pH		chronic	Arsenic		 <u>100<u>0.02-10</u> A </u>
				chronic 4.7*	Arsenic Arsenic(T)		 <u>1000.02-10</u> A  TVS
Qualifiers: Other:	Recreation N	pН	 6.5 - 9.0	chronic 4.7* 	Arsenic Arsenic(T) <del>Beryllium</del>		
Qualifiers: Other: <u>*Uranium(acute</u>		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	chronic 4.7* 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	  TVS	TVS
Qualifiers: Other: <u>*Uranium(acute</u> <u>*Uranium(chror</u> *D.O. (mg/L)(cł	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	chronic 4.7* 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium <u>Cadmium(T)</u>	  TVS <u>5.0</u>	 TVS 
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0  c (mg/L)	<b>chronic</b> 4.7*  630	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	 TVS <u>5.0</u> T <del>VS</del>	 TVS  TVS
Qualifiers: Other: <u>*Uranium(acute</u> <u>*Uranium(chror</u> *D.O. (mg/L)(cł	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	 6.5 - 9.0  c (mg/L) acute	chronic           4.7*              630           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS <u>5.0</u> TVS <u></u> <u>50</u>	 TVS  TVS <del>100</del>
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	 6.5 - 9.0  ic (mg/L) acute TVS	chronic           4.7*              630           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS <u>5.0</u> T <del>VS</del> TVS	 TVS  TVS <del>100</del> TVS
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0  c (mg/L) acute TVS 	chronic           4.7*              630           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS <u>5.0</u> T <del>VS</del> <u>-50</u> TVS TVS	 TVS  TVS 100 TVS TVS
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 6.5 - 9.0  ic (mg/L) acute TVS 	chronic           4.7*              630           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS <u>5.0</u> <del>TVS</del> <u>50</u> TVS TVS TVS	 TVS  TVS 100 TVS TVS <u>WS</u>
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 6.5 - 9.0  ic (mg/L) ic (mg/L) acute TVS   0.019	chronic           4.7*              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)	 TVS <u>5.0</u> TVS TVS TVS TVS  TVS 	 TVS  TVS 100 TVS TVS <u>WS</u> 1000
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	chronic         4.7*            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	 TVS <u>5.0</u> TVS <u></u> TVS TVS TVS  TVS	TVS TVS 100 TVS TVS WS 1000 TVS
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10010	chronic         4.7*            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)	 TVS <u>5.0</u> T <del>VS</del> <u>50</u> TVS TVS  TVS  TVS 50	TVS TVS 100 TVS TVS TVS WS 1000 TVS 
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10010 <u>0.5</u> -	chronic           4.7*              630           chronic           TVS           0.75          250           0.011              140	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS <u>5.0</u> TVS TVS TVS TVS  TVS 50 TVS	 TVS  TVS TVS TVS WS 1000 TVS  TVS <u>WS</u>
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  ic (mg/L) ic (mg/L	chronic           4.7*              630           chronic           TVS           0.75          250           0.011              10	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0 TVS 50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS 100 TVS WS 1000 TVS  TVS <u>/WS</u> 0.01 <del>(t)</del>
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 40010 <u>0.5</u> -	<pre>chronic 4.7* 630  chronic TVS 0.75250 0.011 0.011 10 10</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0 TVS 50 TVS TVS TVS  TVS 50 TVS  TVS	TVS TVS 100 TVS TVS TVS 1000 TVS  TVS <u>WS</u> 0.01( <del>t)</del> 150
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 40010 <u>0.5</u> -	<pre>chronic 4.7* 630  chronic TVS 0.75250 0.011 0.011 10 10</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nolybdenum(T)	 TVS 5.0 TVS 50 TVS TVS   TVS 50 TVS 50 TVS	TVS TVS 100 TVS TVS 1000 TVS 1000 TVS  TVS <u>/WS</u> 0.01( <del>+</del> ) 150 TVS
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 40010 <u>0.5</u> -	<pre>chronic 4.7* 630  chronic TVS 0.75250 0.011 0.011 10 10</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 5.0 TVS 50 TVS TVS TVS  50 TVS 50 TVS  TVS  TVS	 TVS  TVS 100 TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 1000
Qualifiers: Other: *Uranium(acute *Uranium(chror *D.O. (mg/L)(ct measurements	Recreation N e) = See 38.5(3) for details. nic) = See 38.5(3) for details. hronic) = 15th percentile of D.O.	pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 40010 <u>0.5</u> -	<pre>chronic 4.7* 630  chronic TVS 0.75250 0.011 0.011 10 10</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel Selenium	 TVS 5.0 TVS TVS TVS TVS 50 TVS TVS 50 TVS 50 TVS  TVS	 TVS  TVS 100 TVS TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 100 TVS

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

COSPMS05C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation N	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02</u></del>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
	chronic) = applies only above the	E. Coli (per 100 mL)		630	Cadmium(T)	<u>5.0</u>	
acilities listed		Inorganic (mg/L)		Chromium III	<del>TVS</del>	TVS	
Uranium(acute) = See 38.5(3) for details. Uranium(chronic) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	<u>50</u>	<del>100<u></u></del>	
	f(t) = 3ee 30.3(3) f(t) details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> ⁻	Iron	<u></u>	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	<del>100<u>10</u></del>		Lead(T)	<u>50</u>	<u></u>
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS <mark>/WS</mark>
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		<u>WS</u> ⁻	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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COSPMS06	from the source to Interstate 76, incl Classifications	Physical and I				Metals (ug/L)	
			DM	MWAT		,	chronic
Designation	Agriculture Ag Life Warm 2	T ( 00				acute	cnronic
JP	Recreation N	Temperature °C	WS-III	WS-III	Aluminum		
Qualifiers:	Recleation N		acute	chronic	Arsenic	340	
		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
Phosphorus(	chronic) = applies only above the	chlorophyll a (mg/m ² )			Beryllium(T)		100
acilities listed	at 38.5(4).	E. Coli (per 100 mL)		630	Cadmium		
	te) = See $38.5(3)$ for details.	Inorgani	c (mg/L)		Cadmium(T)		10
Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Chromium III		
	Ammonia			Chromium III(T)		100	
	Boron		0.75	Chromium VI			
		Chloride			Chromium VI(T)		100
		Chlorine			Copper		
		Cyanide	0.2		Copper(T)		200
		Nitrate	100		Iron		
		Nitrite	<u>10</u> ⁻	<del>10<u></u> -</del>	Lead		
		Phosphorus		0.17*	Lead(T)		100
		Sulfate			Manganese		
		Sulfide		0.002	Manganese(T)		200
					Mercury(T)		
					Molybdenum(T)		150
					Nickel		
					Nickel(T)		200
					Selenium		
					Selenium(T)		20
					Silver		
					Uranium	varies*	varies*
					Zinc		
					Zinc(T)		2000

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0	subbasins of the South Platte River	Physical and	Biological		Ν	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish	Standards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M	odification(s):	Inorgan	anic (mg/L) Chromium III				TVS
Arsenic(chron	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
turonium(ocu	te) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
	$rac{1}{2}$ = See 38.5(3) for details.	Chloride		250	Iron		WS
oraniani		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

8. Riverside R	eservoir.						
COSPMS08	<u>Classifications</u>	Physical and Biology	ogical			Metals (ug/L)	
<b>Designation</b>	Agriculture		DM	<u>MWAT</u>		acute	<u>chronic</u>
<u>UP</u>	<u>Aq Life Warm 1</u>	Temperature °C	WL	WL	Arsenic	<u>340</u>	
	Recreation E				Arsenic(T)	<u> </u>	<u>0.02</u>
	Water Supply				<u>Cadmium</u>	TVS	<u>TVS</u>
Qualifiers:			<u>acute</u>	<u>chronic</u>	Cadmium(T)	<u>5.0</u>	
Other:		<u>D.O. (mg/L)</u>		<u>5.0</u>	Chromium III	<u> </u>	TVS
		<u>рН</u>	<u>6.5 - 9.0</u>	<u></u> -	Chromium III(T)	<u>50</u>	
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	chlorophyll a (ug/L)		<u>20*</u>	Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		<u>126</u>	Copper	TVS	<u>TVS</u>
facilities listed	chronic) = applies only above the at 38.5(4), applies only to lakes and	Inorganic (m	<u>g/L)</u>		Iron	<u> </u>	<u>WS</u>
-	er than 25 acres surface area.		acute	<u>chronic</u>	lron(T)		<u>1000</u>
	te) = See $38.5(3)$ for details. onic) = See $38.5(3)$ for details.	Ammonia	<u>TVS</u>	<u>TVS</u>	Lead	TVS	TVS
	f(0) = 3ee 30.5(3) for details.	Boron		<u>0.75</u>	Lead(T)	<u>50</u>	
		Chloride	<u> </u>	<u>250</u>	Manganese	TVS	TVS/WS
		Chlorine	<u>0.019</u>	<u>0.011</u>	Mercury(T)	<u> </u>	<u>0.01</u>
		Cyanide	<u>0.005</u>	<u></u> -	Molybdenum(T)		<u>150</u>
		Nitrate	<u>10</u>	<u></u> -	Nickel	TVS	TVS
		Nitrite	<u>0.5</u>		Nickel(T)	<u> </u>	<u>100</u>
		Phosphorus	<u></u> -	<u>0.083*</u>	<u>Selenium</u>	TVS	TVS
		Sulfate	<u></u> -	WS	<u>Silver</u>	TVS	TVS
		Sulfide	<u></u> -	0.002	<u>Uranium</u>	varies*	varies*
					Zinc	TVS	TVS

Site-Specific Minimum Dissolved Oxygen and Ammonia Standards for Middle South Platte Segment 1a

#### Dissolved Oxygen:

STANDARDS Early Life Stage Protection Period (April 1 through July 31) 1-Day-^{1.4,5} 3.0 mg/L (acute) 7-Day Average ^{1.2} 5.0 mg/L Older Life Stage Protection Period (August 1 through March 31) 1-Day-^{1.4} 2.0 mg/L (acute) 7-Day Mean of Minimums-^{1.3} 2.5 mg/L 30-Day Average-^{1.2} 4.5 mg/L

Refer to Section 38(6)(4)(c) for Dissolved Oxygen assessment locations.

#### Footnotes

1. For the purpose of determining compliance with the standards, dissolved oxygen measurements shall only be taken in the flowing portion of the stream at mid-depth, and at least six inches above the bottom of the channel. All sampling protocols and test procedures shall be in accordance with procedures and protocols approved by the Division.

2. A minimum of four independent daily means must be used to calculate the average for the 7-Day Average standard. A minimum of eight independent daily means must be used to calculate the average for the 30-Day Average standard. The four days and the eight days must be representative of the 7-Day and the 30-Day periods respectively. The daily mean shall be the mean of the daily high and low values. In calculating the mean values, the dissolved oxygen saturation value shall be used in place of any dissolved oxygen measurements which exceed saturation.

3. The 7-Day Mean Minimum is the average of the daily minimums measured at a location on each day during any 7-Day period.

4. During a 24 hour day, dissolved oxygen levels are likely to be lower during the nighttime when there is no photosynthesis. The dissolved oxygen levels should not drop below the acute standard (ELS acute standard of 3.0 mg/L or the OLS standard of 2.0 mg/L). However, if during the ELS period multiple measurements are below 3.0 mg/L during the same nighttime period, the multiple measurements shall be considered a single exceedance of the acute standard. For measurements below 2.0 mg/L during either the ELS or the OLS periods, each hourly measurement below 2.0 mg/L shall be considered of the acute standard.

5. In July, the dissolved oxygen level in Segment 1a may be lower than the 3.0 mg/L acute standard for up to 14 exceedances in any one year and up to a total of 21 exceedances in three years before there is a determination that the acute dissolved oxygen standards is not being met. Exceedances shall be counted as described in Footnote 4.

#### Ammonia:

- Early Life Stage Protection Period (April 1 through July 31)

#### Ammonia

Warm Water = (mg/l as N)Total

$$\frac{acute}{1+10} = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$$

$$\frac{chronic}{(Apr1 - July31)} = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(\frac{2.85, 1.45 * 10^{0.028(25-T)}}{(2.85, 1.45 * 10^{0.028(25-T)})}\right)$$

$$\frac{chronic}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} + \frac{0.028*(25-MAX(T, 7))}{1+10^{7.688-pH}}$$

 $NH_3 = old TVS$ 

Warm Water Acute = 0.62/FT/FPH/2^(4 old) in mg/ (N)

# REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Big Thompson River Basin

COSPBT01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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	TVS
Uranium(acu	te) = See 38.5(3) for details.	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Uranium(chro	onic) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>
					Zinc	TVS	TVS

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OSPBT02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
)ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
rsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2024				Chromium III(T)	50	
chlorophyll a	(mg/m ² )(chronic) = applies only above	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
ne facilities lis	ated at 38.5(4).		acute	chronic	Copper	TVS	
Phosphorus( acilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Copper		7.5*
	$e) = \frac{118.4}{2}$ ug/L from immediately ber Thompson Sanitation District's	Boron		0.75	Copper	11*	TVS
astewater tre	eatment plant outfall to the Home	Chloride		250	Iron		WS
upply Canal Copper(chror	Diversion. hic) = 7.55.6 ug/L from immediately	Chlorine	0.019	0.011	Iron(T)		1000
bove the Upp	per Thompson Sanitation District's	Cyanide	0.005		Lead	TVS	TVS
astewater tre	eatment plant outfall to the Home Diversion.	Nitrate	10		Lead(T)	50	
Uranium(acut	e) = See 38.5(3) for details.	Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Manganese	TVS	TVS/WS
<u>Uranium(chro</u>	onic) = See 38.5(3) for details.	Phosphorus		0.11*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

	HILE BIG THOMPSON N	River from the Ho	me Supply Canal diversion	on to the Big Ba	rnes Ditch c	iversion.			
COSPBT03	Classifications			al and Biologi				Metals (ug/L)	
<b>Designation</b>	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		<del>CS-II</del>	<del>CS-II</del>	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		<del>D.O. (mg/L)</del>			<del>6.0</del>	Arsenic(T)		0.02
Qualifiers:			D.O. (spawning)			7.0	Beryllium		-
Water + Fish \$	Standards		рH		<del>6.5 - 9.0</del>	<u> </u>	Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m2)				Cadmium(T)	<del>5.0</del>	
Temporary Mo	odification(s):		E. Coli (per 100 mL)			<del>126</del>	Chromium III		TVS
Arsenic(chroni							Chromium III(T)	<del>50</del>	-
	e of 12/31/2024		ł	norganic (mg/l	L)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		₩S
			Boron			<del>0.75</del>	<del>Iron(T)</del>		<del>1000</del>
			Chloride			<del>250</del>	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead(T)	<del>50</del>	
			Cyanide		0.005		Manganese	TVS	TVS/WS
			Nitrate		<del>10</del>		Mercury		<del>0.01(t)</del>
			Nitrite			0.05	Molybdenum(T)		<del>150</del>
			Phosphorus		=		Nickel	TVS	TVS
			Sulfate			₩S	Nickel(T)		100
			Sulfide		=	0.002	Selenium	TVS	TVS
			oundo			0.002	Silver	TVS	TVS(tr)
							Uranium		
							Zinc	TVS	TVS
4a. Mainstem	of the Big Thompson	from the Big Bai	rnes Ditch diversion to the	Greeley-Lovel	and Canal d	iversion.			
COSPBT04A	Classifications		Physic	al and Biologi	cal			Metals (ug/L)	
<b>Designation</b>	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		<del>CS-II</del>	<del>CS-II</del>	Aluminum		
	Recreation E								
		<del>5/1 - 10/15</del>			acute	<del>chronic</del>	Arsenic	 340	
1	Recreation N	<del>5/1 - 10/15</del> <del>10/16 - 4/30</del>	<del>D.O. (mg/L)</del>		acute	chronic 6.0	A <del>rsenic</del> Arsenic(T)		
	Recreation N Water Supply		<del>D.O. (mg/L)</del> D.O. (spawning)		acute 			<del>340</del>	
Qualifiers:						<del>6.0</del>	Arsenic(T)	<del>340</del> 	 0.02
			D.O. (spawning)			<del>6.0</del> 7.0	Arsenic(T) Beryllium	<del>340</del> 	 0.02 
Qualifiers:	Water Supply		D.O. (spawning) pH	<del>5/1 - 10/15</del>	  6.5 - 9.0	6.0 7.0	Arsenic(T) Beryllium Cadmium	340   TVS	0.02  TVS
Qualifiers: Other:	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m2)	<del>5/1 - 10/15</del> 10/16 - 4/30	 6.5 - 9.0	6 <del>.0</del> 7.0 ⁻	Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS 5.0	0.02  TVS 
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL)		 6.5 - 9.0  	6.0 7.0 ⁻ 126	Arsenic(T) Boryllium Cadmium Cadmium(T) Chromium III	340  TVS 5.0 	0.02  TVS 
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL)	<del>10/16 - 4/30</del>	 6.5 - 9.0  	6.0 7.0 ⁻ 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS 5.0  50	 0.02  TVS  TVS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL)	<del>10/16 - 4/30</del>	 6.5 - 9.0   	6.0 7.0 ⁻ 126 630	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS 5.0  50 TVS	 0.02 TVS  TVS TVS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL)	<del>10/16 - 4/30</del>	 6.5 - 9.0          -	6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) H Ammonia	<del>10/16 - 4/30</del>	 6.5 - 9.0          -	6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS TVS TVS TVS WS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) H Ammonia Boron	<del>10/16 - 4/30</del>	 6.5 - 9.0          -	6.0 7.0 ⁻ 426 630 <b>chronic</b> TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS TVS	 0.02 TVS TVS TVS TVS TVS WS 4000
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride	<del>10/16 - 4/30</del>	 6.5 - 9.0       L) acute TVS 	6.0 7.0 ⁻ 126 630 <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	340  TVS 5.0  50 TVS TVS  TVS	 0.02  TVS TVS TVS TVS WS 4000
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	<del>10/16 - 4/30</del>	 6.5 - 9.0         	6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Lead Lead(T)	340 	 0.02 TVS TVS TVS TVS TVS WS 4000 TVS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	<del>10/16 - 4/30</del>	 6.5 - 9.0         	6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron Lead Lead(T) Manganese	340  TVS 5.0  50 TVS TVS  TVS 50 TVS	 0.02  TVS TVS TVS TVS 4000 TVS 
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	<del>10/16 - 4/30</del>	 6.5 - 9.0        TVS             -	6.0 7.0 	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  50 TVS TVS  TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 4000 TVS 4000 TVS 0.01(t)
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate	<del>10/16 - 4/30</del>	 6.5 - 9.0        -	6.0 7.0 	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  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS  4000 TVS  TVS  
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chlorine Chlorine Cyanide Nitrate Nitrite Phosphorus	<del>10/16 - 4/30</del>		6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Lead Lead(T) Manganese Mercury Molybdenum(T)	340 	 0.02 TVS TVS TVS TVS WS 4000 TVS 4000 TVS 4000 TVS 4000 TVS
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) 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 Chloride Nitrate Nitrate Phosphorus Sulfate	<del>10/16 - 4/30</del>		6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340 	
<mark>Qualifiers:</mark> Other: Temporary Mo Arsenic(chroni	Water Supply odification(s): ic) = hybrid		D.O. (spawning) 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 Chloride Nitrate Nitrate Phosphorus Sulfate	<del>10/16 - 4/30</del>		6.0 7.0 	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 	 0.02  TVS TVS  TVS  TVS  TVS        -

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

			eeley-Loveland Canal di	version <u>(40.39</u>	7884, -105.	<u>106482)</u> to C	ounty Road 11H.		
COSPBT04BCOSPB	T03 Classifications	6	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E	<del>5/1 - 10/15</del>			acute	chronic	Arsenic	340	
	Recreation N	<del>10/16 -</del> 4/ <del>30</del>	D.O. (mg/L)			5.0	Arsenic(T)		0.02
	Water Supply		рН		6.5 - 9.0		Beryllium	_	
Qualifiers:			chlorophyll a (mg/m ² )				Cadmium	TVS	TVS
Other:			E. Coli (per 100 mL)	<del>5/1 - 10/15</del>		126	Cadmium(T)	5.0	
Temporary Modificat	ion(a);		E. Coli (per 100 mL)	<del>10/16 - 4/30</del>		<del>630</del>	Chromium III		TVS
Arsenic(chronic) = hy	( )						Chromium III(T)	50	
Expiration Date of 12			l.	norganic (mg/	L)		Chromium VI	TVS	TVS
	01/2021				acute	chronic	Copper	TVS	TVS
*Uranium(acute) = Se			Ammonia		TVS	TVS	Iron		WS
*Uranium(chronic) = \$	See 38.5(3) for detail	l <u>s.</u>	Boron			0.75	Iron(T)		1000
			Chloride			250	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead(T)	50	
			Cyanide		0.005		Manganese	TVS	TVS/WS
			Nitrate		10		Mercury(T)		0.01 <del>(t)</del>
			Nitrite		<u>0.5</u> ⁻	<del>0.5</del> -	Molybdenum(T)		150
			Phosphorus				Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
						0.002	Silver	TVS	TVS
							Uranium	varies*	varies*
							Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
4c4. Mainstem of the	Big Thompson Rive	r from County	/ Road 11H to I-25.				Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
4c <u>4</u> . Mainstem of the COSPBT04CCOSPB				al and Biologi	ical				
COSPBT04CCOSPB				al and Biolog	ical DM	MWAT		TVS	
COSPBT04CCOSPB Designation	T04 Classifications	3		al and Biologi		MWAT WS-I		TVS Metals (ug/L)	TVS
COSPBT04CCOSPB Designation	Agriculture	3	Physic Temperature °C	al and Biologi	DM		Zinc	TVS Metals (ug/L)	TVS
	Classifications           Agriculture           Aq Life Warm 2	5 5/1 - 10/15 10/16 -	Physic Temperature °C	al and Biolog	DM WS-I	WS-I	Zinc A <del>luminum</del>	TVS Metals (ug/L) acute	TVS chronic
COSPBT04CCOSPB Designation Reviewable	T04         Classifications           Agriculture         Aq Life Warm 2           Recreation E         A	5 5/1 - 10/15	Physic Temperature °C	al and Biolog	DM WS-I acute	WS-I chronic	Zinc Aluminum Arsenic	TVS Metals (ug/L) acute 340	TVS chronic 
COSPBT04CCOSPB Designation Reviewable Qualifiers:	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N	5 5/1 - 10/15 10/16 -	Physic Temperature °C D.O. (mg/L)	al and Biologi	DM WS-I acute	WS-I chronic 5.0	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340 	TVS chronic  7.6
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N	5 5/1 - 10/15 10/16 -	Physic Temperature °C D.O. (mg/L) pH	al and Biologi	DM WS-I acute  6.5 - 9.0	WS-I chronic 5.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	TVS chronic  7.6  TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N	5 5/1 - 10/15 10/16 -	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² )		DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS	TVS chronic  7.6 
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other:	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5 5/1 - 10/15 10/16 - 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	<del>5/1 - 10/15</del>	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0  126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS TVS TVS	TVS chronic  7.6  TVS TVS TVS 100
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0  	WS-I chronic 5.0  126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute acute 340  340  340  340  340  340                                                                                                                             	TVS chronic  7.6  TVS TVS 100 TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other:	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL)	<del>5/1 - 10/15</del>	DM WS-I acute 6.5 - 9.0   L)	WS-I chronic 5.0  126 630	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS TVS TVS	TVS chronic  7.6  TVS TVS 100 TVS 100 TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-1 acute  6.5 - 9.0   L) acute	WS-I chronic 5.0  126 630 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS  Metals (ug/L)  acute  acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute	TVS chronic  7.6  TVS TVS 100 TVS TVS 1000
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0   L) acute TVS	WS-I         chronic         5.0            126         630         chronic         TVS	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS Metals (ug/L) acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acu	TVS chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute  6.5 - 9.0   L) acute TVS 	WS-I chronic 5.0  126 630 chronic TVS 0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS           Metals (ug/L)           acute           340              340              TVS	TVS chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride	5/1 - 10/15 10/16 - 4/30	DM WS-I acute  6.5 - 9.0   L) acute TVS  	WS-I         chronic         5.0            126         630         chronic         TVS         0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS  Metals (ug/L)  Metals (ug/L)  Current of the second o	TVS chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine	5/1 - 10/15 10/16 - 4/30	DM WS-I acute  6.5 - 9.0   (0.019	WS-I chronic 5.0  126 630 Chronic TVS 0.75  0.011	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS           Metals (ug/L)           acute           340              340              340              TVS	TVS chronic  7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 100 100 100 100 100 100 1
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0   () CU CU CU CU CU CU CU CU CU CU	WS-I chronic 5.0  126 630 Chronic TVS 0.75  0.011 	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Nickel	TVS  Metals (ug/L)  Metals (ug/L)  Current of the second o	TVS chronic  7.6  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 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 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 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 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/15 10/16 - 4/30	DM WS-I acute  6.5 - 9.0    U x x x x x x x x x x x x x	WS-I chronic 5.0  126 630 (0) 630 (0) 630 (0) 630 (0) 630 (0) 630 (0) 630 (0) (0) (0) (0) (0) (0) (0) (0	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury[T] Molybdenum(T) Nickel Selenium	TVS  Metals (ug/L)  Metals (ug/L)  Current of the second o	TVS chronic  7.6  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 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 1000 TVS 1000 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 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 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
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0     L) acute TVS  0.019 0.005 100 <u>0.5</u> -	WS-I         chronic         5.0            126         630         Chronic         TVS         0.75            0.011            0.5	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS           Metals (ug/L)           acute           340              340              340              340              340              340              340              340              TVS	TVS chronic  7.6  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 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 TVS TVS TVS TVS
COSPBT04CCOSPB Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/15 10/16 - 4/30	DM WS-I acute  6.5 - 9.0     0.019 0.005 100 <u>0.5</u> -	WS-I         chronic         5.0            126         630         Chronic         TVS         0.75            0.011            0.5         0.5            6.5	Zinc Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS           Metals (ug/L)           acute           340              340              340              340              340              340              340	TVS  chronic   chronic    chronic   chronic
COSPBT04C <u>COSPB</u> Designation Reviewable Qualifiers: Fish Ingestion Stand Other: *Uranium(acute) = Se	T04       Classifications         Agriculture       Agriculture         Aq Life Warm 2       Recreation E         Recreation N       Recreation N         dards       Recreation N	5/1 10/15 10/16 4/30	Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0     L) acute TVS  0.019 0.005 100 <u>0.5</u> -	WS-I         chronic         5.0            126         630         Chronic         TVS         0.75            0.011            0.5	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS           Metals (ug/L)           acute           340              340              340              340              340              340              340              340              TVS	TVS chronic  7.6  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 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 TVS TVS TVS TVS

D.O. = dissolved oxygen

DM = daily maximum

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

COSPBT05	Classifications	Physic	cal and Biologica	al			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <del>2<u>1</u></del>	Temperature °C		WS-I	WS-I	Aluminum	_	
	Recreation NWater 10/16 - 4/30			acute	chronic	Arsenic	340	
	Supply	D.O. (mg/L)			5.0	Arsenic(T)		<del>100<u>0.02</u></del>
	Recreation <u>PE</u> <u>5/1 - 10/15</u>	pН		6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (mg/m ² )				Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)	<del>5/1 - 10/15</del>		<del>205<u>126</u></del>	Cadmium(T)	<u>5.0</u>	<u></u>
Temporary N	Iodification(s):	E. Coli (per 100 mL)	<del>10/16 - 4/30</del>		<del>630</del>	Chromium III	TVS	TVS
Arsenic(chron						Chromium III(T)	<u>50</u>	<del>100</del>
	te of 12/31/2024		Inorganic (mg/L)			Chromium VI	TVS	TVS
				acute	chronic	Copper	TVS	TVS
	$\frac{1}{1} = \frac{1}{2} = \frac{1}$	Ammonia		TVS	TVS	Iron	<u></u>	WS
<u>Uranium(chro</u>	onic) = See 38.5(3) for details.	Boron			0.75	Iron(T)		1000
		Chloride			<u>250</u> -	Lead	TVS	TVS
		Chlorine		0.019	0.011	Lead(T)	<u>50</u>	<u> </u>
		Cyanide		0.005		Manganese	TVS	TVS <mark>/WS</mark>
		Nitrate		100 <u>10</u>		Mercury(T)		0.01 <del>(t)</del>
		Nitrite		<u>0.5</u> ⁻	<del>0.5</del> -	Molybdenum(T)		150
		Phosphorus		<u>0.5</u>	<del>0.3<u></u> -</del>	Nickel	TVS	TVS
		Sulfate			<u>WS</u> -	Nickel(T)		<u>100</u>
		Sulfide			0.002	Selenium	TVS	TVS
		Suilide			0.002	Silver	TVS	TVS
						Uranium		
						Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
	es to the Big Thompson River, includ ings in segments 7, 8, 9, and 10. Classifications		cal and Biologica		- <u></u>	•	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C		WS-I	WS-I			
	AY LIE Walli Z				VV 3-1	Aluminum		
	Water Supply			acute	chronic	Arsenic	 340	
				acute		Arsenic	 340 	
Qualifiers:	Water Supply	D.O. (mg/L)			chronic	Arsenic Arsenic(T)		  <del>7.6<u>0.02</u> </del>
	Water Supply	D.O. (mg/L) pH			chronic 5.0	Arsenic		<del>7.6<u>0.02</u></del>
Fish Ingestio	Water Supply Recreation E	D.O. (mg/L)		 6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	  TVS	<del>7.6<u>0.02</u> </del> TVS
Other:	Water Supply Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		 6.5 - 9.0 	<b>chronic</b> 5.0  150	Arsenic Arsenic(T) <del>Beryllium</del>	 TVS <u>5.0</u>	<del>7.6<u>0.02</u></del>
Fish Ingestio Other:	Water Supply Recreation E on Standards	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/L)	 6.5 - 9.0 	chronic 5.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	 TVS <u>5.0</u> TVS <u></u>	<del>7.6<u>0</u>.02</del>  TVS  TVS
Fish Ingestio Other: Temporary M Arsenic(chron	Water Supply Recreation E on Standards	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		 6.5 - 9.0   acute	chronic           5.0              150           126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS <u>5.0</u> TVS <u></u> <u>50</u>	<del>7.6<u>0</u>.02</del>  TVS  TVS <del>100</del>
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)		 6.5 - 9.0   <b>acute</b> TVS	chronic           5.0              150           126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS <u>5.0</u> TVS <u>50</u> TVS	7.60.02  TVS  TVS 100 TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ammonia Boron		 6.5 - 9.0   <b>acute</b> TVS 	chronic           5.0              150           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS <u>5.0</u> TVS <u>50</u> TVS TVS	7.60.02  TVS  TVS 100 TVS TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	Inorganic (mg/L)	 6.5 - 9.0  acute TVS  	chronic           5.0              150           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS	7.60.02 TVS TVS 100 TVS TVS TVS TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019	chronic           5.0              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	 TVS <u>5.0</u> TVS TVS TVS TVS 	7.60.02 TVS TVS 100 TVS TVS TVS WS 1000
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/L)	 6.5 - 9.0   TVS  0.019 0.005	chronic         5.0            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	 TVS <u>5.0</u> TVS TVS TVS TVS  TVS	7.60.02  TVS 100 TVS TVS WS 1000 TVS
Fish Ingestio Other: Temporary M Trsenic(chron Expiration Date Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Cyanide Nitrate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005	chronic         5.0            150         126         chronic         TVS         0.75        250 ⁻ 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS <u>5.0</u> TVS TVS TVS TVS  TVS 50	7.60.02  TVS 100 TVS TVS WS 1000 TVS 
Fish Ingestio Other: Temporary M Trsenic(chron Expiration Date Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/L)	 6.5 - 9.0  acute TVS  0.019 0.005 10010 <u>0.5</u> -	chronic           5.0              150           126           chronic           TVS           0.75          250           0.011              0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS <u>5.0</u> TVS TVS TVS  50 TVS 50 TVS	7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS  TVS <u>WS</u>
Fish Ingestio Other: Temporary M Trsenic(chron Expiration Date Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/L)	 6.5 - 9.0  acute TVS  0.019 0.005 10010 <u>0.5</u> -	chronic           5.0              150           126           chronic           TVS           0.75          250           0.011              0.5           0.17	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS <u>5.0</u> TVS TVS TVS 50 TVS TVS 50 TVS 50 TVS	7.60.02 TVS TVS 100 TVS VVS WS 1000 TVS  TVS WS 0.01(#)
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> -	chronic         5.0            150         126         chronic         TVS         0.75        250         0.011            0.5         0.17 <u>WS</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T). Manganese Mercury(T) Molybdenum(T)	 TVS 5.0 TVS 50 TVS TVS TVS  TVS 50 TVS 50 TVS	7.60.02  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS <u>WS</u> 0.01( <del>+)</del> 150
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/L)	 6.5 - 9.0  acute TVS  0.019 0.005 10010 <u>0.5</u> -	chronic           5.0              150           126           chronic           TVS           0.75          250           0.011              0.5           0.17	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	 TVS 5.0 TVS 50 TVS TVS  50 TVS 50 TVS 50 TVS  TVS	7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS  TVS <u>AWS</u> 0.01(#) 150 TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> -	chronic         5.0            150         126         chronic         TVS         0.75        250         0.011            0.5         0.17 <u>WS</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T)	 TVS 5.0 TVS 50 TVS TVS TVS  50 TVS 50 TVS  TVS  TVS	7.60.02 TVS TVS 100 TVS TVS 1000 TVS  TVS <u>MVS</u> 0.01(#) 150 TVS 1000
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat Uranium(acu	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> -	chronic         5.0            150         126         chronic         TVS         0.75        250         0.011            0.5         0.17 <u>WS</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0 TVS TVS TVS TVS  TVS 50 TVS  TVS  TVS	7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 1000 TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> -	chronic         5.0            150         126         chronic         TVS         0.75        250         0.011            0.5         0.17 <u>WS</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0 TVS TVS 50 TVS TVS TVS 50 TVS 50 TVS  TVS  TVS  TVS	7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS 0.01(#) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
Fish Ingestio Other: Temporary M Arsenic(chron Expiration Dat	Water Supply Recreation E on Standards lodification(s): iic) = hybrid te of 12/31/2024 ite) = See 38.5(3) for details.	D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) Marcelline Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)	 6.5 - 9.0   acute TVS  0.019 0.005 100 <u>10</u> <u>0.5</u> -	chronic         5.0            150         126         chronic         TVS         0.75        250         0.011            0.5         0.17 <u>WS</u>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0 TVS TVS TVS TVS  TVS 50 TVS  TVS  TVS	7.60.02  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS <u>WS</u> 0.01( <del>+)</del> 150

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

DM = daily maximum

t = total

tr = trout

MWAT = maximum weekly average temperature

OSPBT07	Classifications	Physical and	Biological		1	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:		рН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2024				Chromium III(T)	50	
·	(mg/m ² )(chronic) = applies only above	Inorgan	iic (mg/L)		Chromium VI	TVS	TVS
e facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
hosphorus( cilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	te) = See $38.5(3)$ for details.	Boron		0.75	lron(T)		1000
Jranium(chro	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 <del>(</del> †
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	<u>varies*</u>	varies'
					Uranium Zinc	<u>varies*</u> TVS	
. Mainstem o	f the Little Thompson River, including	all tributaries and wetlands, from	n the source to the (	Culver Ditch	Zinc	TVS	
. Mainstem o OSPBT08	f the Little Thompson River, including Classifications	all tributaries and wetlands, from Physical and		Culver Ditch	Zinc diversion <del>. <u>(40.259242, -105</u></del>	TVS	
		Î.		Culver Ditch	Zinc diversion <del>. <u>(40.259242, -105</u></del>	TVS .200029).	TVS
OSPBT08 esignation	Classifications Agriculture Aq Life Cold 1	Î.	Biological		Zinc diversion <del>. <u>(40.259242, -105</u></del>	TVS .200029). Metals (ug/L)	TVS
OSPBT08 esignation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT	Zinc diversion <del>, <u>(40.259242, -105</u> I</del>	TVS .200029). Metals (ug/L)	TVS chroni
DSPBT08 esignation eviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Zinc diversion <u>- (40.259242, -105</u> Aluminum	TVS .200029). Metals (ug/L) acute	Chroni
OSPBT08 esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Zinc diversion <u>- (40.259242, -105</u> r Aluminum Arsenic	TVS .200029). Metals (ug/L) acute 340	Chroni
DSPBT08 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0	Zinc diversion- <u>(40.259242, -105</u> r Aluminum Arsenic Arsenic(T)	TVS .200029). Metals (ug/L) acute 340	
DSPBT08 esignation eviewable ualifiers: ther:	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 diversion <u>- (40.259242, -105</u> <b>r</b> Aluminum Arsenic Arsenic(T) Beryllium	TVS .200029). Metals (ug/L) acute  340 	
OSPBT08 esignation eviewable ualifiers: ther: emporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> ) diversion- <u>(40.259242, -105)</u> diversion- <u>(40.259242, -105)</u>	TVS .200029). Metals (ug/L) acute 340  TVS	
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² )	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150	Zinc diversion <u>- (40.259242, -105</u> diversion <u>- (40.259242, -105</u> r Aluminum Arsenic Arsenic Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS .200029). Metals (ug/L) acute 340  TVS 5.0	
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron kpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0  150	Zinc diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> r Aluminum Arsenic Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III	TVS .200029). Metals (ug/L) acute 340  TVS 5.0 	
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron opiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	Zinc diversion- <u>(40.259242, -105</u> Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS .200029). Metals (ug/L) acute 340  340  TVS 5.0  50	TVS chroni 
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron opiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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 Siversion- <u>(40.259242, -105</u> Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS .200029). Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS chroni  0.02  TVS  TVS  TVS 
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron opiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute  6.5 - 9.0  (ct (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150 126 chronic	Zinc diversion <u>- (40.259242, -105</u> diversion <u>- (40.259242, -105</u> Auminum Arsenic Arsenic Arsenic Arsenic Arsenic Cadmium Cadmium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS .200029). Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	TVS chroni    TVS  TVS  TVS          -
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron xpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute  6.5 - 9.0  (constant)  constant)  constant)        -	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS	Zinc diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> r Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS TVS	TVS chroni    TVS  TVS  TVS  TVS   TVS   TVS    TVS     -
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron xpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  (constant)  constant)  constant)   CS-  CS-   	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75	Zinc Siversion(40.259242, -105 Siversion(40.259242, -105 Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	TVS chroni    TVS  TVS  TVS  TVS   TVS   TVS    TVS     -
DSPBT08 esignation eviewable ualifiers: her: emporary M senic(chron piration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  cr- ic (mg/L) acute T∨S  	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc Siversion <u>- (40.259242, -105</u> Aluminum Arsenic Arsenic (T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS .200029). Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS	TVS chroni  0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
DSPBT08 esignation eviewable ualifiers: her: emporary M senic(chron piration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( ()  bic (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011	Zinc diversion <u>- (40.259242, -105</u> diversion <u>- (40.259242, -105</u> Aluminum Arsenic Arsenic Arsenic (T) Beryllium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50	TVS chroni     TVS   TVS   TVS    TVS         -
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron xpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  () CS  control        -	MWAT CS-II chronic 6.0 7.0  150 126 126 126 Chronic TVS 0.75 250 0.011 	Zinc diversion- <u>(40.259242, -105</u> diversion- <u>(40.259242, -105</u> Auminum Arsenic Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron Lead Lead(T) Manganese	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS chroni 
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron xpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute  6.5 - 9.0  () () CS  CS  CS  CS  CS  CS  	MWAT CS-II chronic 6.0 7.0  150 126 126 126 VS 0.75 250 0.011  250	Zinc Jiversion- <u>(40.259242, -105</u> Aluminum Arsenic 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(T)	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 	TVS chroni 0.02 TVS TVS TVS 0.01 (t 1000 TVS 0.01 (t 150
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron xpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute   6.5 - 9.0  ()  () bic (mg/L) acute TVS  0.019 0.005 10 10  0.05	MWAT CS-II chronic 6.0 7.0 1.0 126 126 0.12 Chronic TVS 0.75 250 0.011  0.05	Zinc Siversion <u>- (40.259242, -105</u> Aluminum Arsenic Arsenic (T) Beryllium Cadmium (T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS 	TVS chroni 
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron kpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) 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  ( (  bic (mg/L) acute T√S  0.019 0.005 10  0.05 ⁻ 10	MWAT CS-II chronic 6.0 7.0 120 120 120 0.01 Chronic TVS 0.75 250 0.011  0.05 0.11	Zinc Ziversion <u>- (40.259242, -105</u> Aluminum Arsenic 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(T) Molybdenum(T) Nickel	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  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  TVS  TVS  TVS  TVS   TVS   TVS     TVS	TVS chronic 0.02 TVS TVS TVS TVS 0.01 TVS 0.01 (f) 150 TVS 100
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron opiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( 0.0 0.0 0.005 10 0.005 10  0.0 10   	MWAT CS-II chronic 6.0 7.0 1.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.011 WS	Zinc Jiversion- <u>(40,259242,-105</u> Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium III Chromium VI Copper Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron Iron	TVS .200029). 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 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS   TVS 50 TVS   TVS 50 TVS  TVS  TVS  TVS 	TVS chroni     TVS  TVS  TVS  TVS  TVS   TVS   TVS        -
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron kpiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( 0.0 0.0 0.005 10 0.005 10  0.0 10   	MWAT CS-II chronic 6.0 7.0 1.0 126 126 0.126 Chronic TVS 0.75 250 0.011  0.011 WS	Zinc Jiversion- <u>(40.259242, -105</u> Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS .200029). Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	<u>varies</u> * TVS chronic 

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

DM = daily maximum

t = total

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

9. Mainstem o	f the Little Thompson River from the C	ulver Ditch diversion (40.259242,	-105.200029) to the	he confluenc	e with the Big Thomps	on River.	
COSPBT09	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	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 <del>-10</del> ^A
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Selenium <u>Arse</u>	<u>nic</u> (chronic) = <del>12.3<u>hybrid</u></del>	Inorganic	: (mg/L)		Chromium III		TVS
Expiration Dat	e of 12/31/ <del>2020<u>2024</u></del>		acute	chronic	Chromium III(T)	50	
*chlorophyll a	(mg/m ² )(chronic) = applies only above	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	sted at 38.5(4). chronic) = applies only above the	Boron		0.75	Copper	TVS	TVS
facilities listed		Chloride		250	Iron		WS
<u>*Uranium(acu</u>	te) = See 38.5(3) for details.	Chlorine	0.019	0.011	lron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
10. All tributar	ies to the Little Thompson River, incluc	ing all wetlands, from the Culver	Ditch diversion (40	).259242, -1	05.200029) to the conf	luence with the Big Thom	ipson River.
COSPBT10	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	—	-
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m ² )		150*	Cadmium	TVS	TVS
	(mg/m ² )(chronic) = applies only above sted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	chronic) = applies only above the	Inorganic	(mg/L)		Chromium III(T)		100
	at 56.5(4). te) = See 38.5(3) for details.		acute	chronic	Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.	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(T)		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	- <u>varies*</u>	varies*
					Zinc	TVS	TVS
		1					

I

D.O. = dissolved oxygen

DM = daily maximum

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

COSPBT11	Classifications	Phys	ical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<del>1/1 - 3/31</del>	CLL <u>varies*</u>	CLL varies*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	22.7	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
	DUWS			acute	chronic	Beryllium		
Qualifiers:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
		pH		6.5 - 9.0		Chromium III		TVS
	$\frac{\text{te}}{\text{see 38.5(3) for details.}}$	chlorophyll a (ug/L)				Chromium III(T)	50	
*Temperature	onic) = See 38.5(3) for details.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
DM and MWA	T=CLL from 1/1-3/31				120	Copper	TVS	TVS
DM=22.4 and	MWAT=22.7 from 4/1-12/31		Inorganic (m	a/I )		Iron		WS
			morganic (m		ahrania	lron(T)		1000
		A		acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Lead(T)	50	
		Boron			0.75	Manganese	TVS	TVS/WS
		Chloride			250	Mercury(T)		0.01 <del>(t)</del>
		Chlorine		0.019	0.011	Molybdenum(T)		150
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10				100
		Nitrite		<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Nickel(T)		TVS
		Phosphorus				Selenium	TVS	
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	<u>varies*</u>	varies*
						Zinc	TVS	TVS
COSPBT12	eland, Horseshoe Lake, Boyd Lake.		cal and Biolo	gical			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)			chronic 5.0		340	
	Water Supply DUWS*	D.O. (mg/L)			5.0	Arsenic(T)		0.02
Qualifiers:		pH		 6.5 - 9.0	5.0	Arsenic(T) <del>Beryllium</del>		0.02
		pH chlorophyll a (ug/L)		 6.5 - 9.0 	5.0  	Arsenic(T) <del>Beryllium</del> Cadmium	  TVS	0.02  TVS
Other:	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)		 6.5 - 9.0 	5.0	Arsenic(T) Beryllium Cadmium Cadmium(T)	 TVS 5.0	0.02  TVS 
<b>Other:</b> Temporary M	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Inorganic (m	 6.5 - 9.0  g/L)	5.0  126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0 	0.02  TVS
<b>Other:</b> Temporary M Arsenic(chron	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Inorganic (m	 6.5 - 9.0  g/L) acute	5.0  126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	0.02  TVS  TVS 
<b>Other:</b> Temporary M Arsenic(chron	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia	Inorganic (m	 6.5 - 9.0  g/L)	5.0  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: Temporary M Arsenic(chron Expiration Dat *Classification	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	Inorganic (m	 6.5 - 9.0  g/L) acute	5.0  126 Chronic 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: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 a: DUWS Applies to Boyd and es only.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia	Inorganic (m	 6.5 - 9.0  g/L) acute TVS	5.0  126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS 5.0  50 TVS	0.02  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lako *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	Inorganic (m	 6.5 - 9.0   g/L) acute TVS 	5.0  126 Chronic 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 WS 1000
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lako *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 a: DUWS Applies to Boyd and es only.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride	Inorganic (m	 6.5 - 9.0   g/L) acute T∨S  	5.0  126 Chronic 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 	0.02  TVS  TVS TVS TVS WS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	Inorganic (m	 6.5 - 9.0  g/L) acute TVS   0.019	5.0  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)	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS WS 1000 TVS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (m	 6.5 - 9.0  g/L) acute TVS   0.019 0.005	5.0  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	 TVS 5.0  50 TVS TVS   TVS	0.02  TVS  TVS TVS WS 1000 TVS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (m	 6.5 - 9.0   g/L) acute TVS  0.019 0.005 10	5.0  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)	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS WS 1000 TVS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (m	 6.5 - 9.0   g/L) acute T∨S  0.019 0.005 10 <u>0.5</u> ⁻	5.0  126 <b>chronic</b> TVS 0.75 250 0.011  	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III 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: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (m	 6.5 - 9.0  g/L) acute TVS  0.019 0.005 10 <u>0.5</u> -	5.0  126 <b>chronic</b> TVS 0.75 250 0.011   0.5	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	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	Inorganic (m	 6.5 - 9.0  g/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	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	Inorganic (m	 6.5 - 9.0  g/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel	 TVS 5.0  50 TVS TVS   TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	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	Inorganic (m	 6.5 - 9.0  g/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS 0.01 ( <del>+)</del> 150 TVS 100
Other: Temporary M Arsenic(chron Expiration Dat *Classification Loveland Lake *Uranium(acu	DUWS* lodification(s): ic) = hybrid te of 12/31/2024 h: DUWS Applies to Boyd and es only. te) = See 38.5(3) for details.	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	Inorganic (m	 6.5 - 9.0  g/L) acute TVS  0.019 0.005 10 <u>0.5</u> - 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>t)</del> 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

13. Berthoud F							
COSPBT13	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS	рН	6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
Water + Fish	Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Other:		Inorganic	(mg/L)		Chromium III		TVS
*1 1			acute	chronic	Chromium III(T)	50	
	e) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<u>Uranium(cnro</u>	f(i) = See 38.5(3) for details.	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	<u>0.5</u> ⁻	<del>0.5</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
14. Welch Res	servoir, Lonetree Reservoir, Boedecker	r Lake, Lon Hagler Reservoir.			Zinc	TVS	TVS
14. Welch Res COSPBT14	servoir, Lonetree Reservoir, Boedecker Classifications	r Lake, Lon Hagler Reservoir. Physical and Bi	ological			TVS Metals (ug/L)	TVS
COSPBT14		-	ological DM	MWAT			TVS chronic
COSPBT14 Designation	Classifications	-	-	MWAT WL		Metals (ug/L)	
COSPBT14 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bi	DM			Metals (ug/L)	
COSPBT14 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Bi	DM WL	WL	Aluminum	Metals (ug/L) acute 	chronic
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bi	DM WL acute	WL chronic	<del>Aluminum</del> Arsenic	Metals (ug/L) acute  340	chronic 
COSPBT14 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	<b>chronic</b>   0.02
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L) pH	DM WL acute	WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic  0.02
COSPBT14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute  6.5 - 9.0 	WL chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340  TVS	chronic  0.02  TVS
COSPBT14 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0 	WL chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340   TVS 5.0	chronic  0.02  TVS 
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   (mg/L)	WL chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS 5.0 	chronic  0.02  TVS 
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	DM WL acute  6.5 - 9.0  (mg/L) acute	WL chronic 5.0  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 
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	DM WL acute  6.5 - 9.0  (mg/L) acute T∨S	WL chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340  TVS 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WL acute  6.5 - 9.0  (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  	WL chronic 5.0  126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS  TVS WS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019	WL chronic 5.0  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)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS  TVS TVS VS VS WS 1000
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	WL chronic 5.0  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	Metals (ug/L) acute  340  TVS 5.0 5.0 5.0 TVS 50 TVS TVS TVS	Chronic  0.02  TVS  TVS  TVS VS VS WS 1000 TVS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	₩L chronic 5.0 126 126 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 5.0  50 TVS TVS TVS  TVS 50	chronic  0.02  TVS  TVS  TVS S WS 1000 TVS 
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.10	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  CTVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS  TVSWS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.5</u> [−]	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del>
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	₩L chronic 5.0 126 Chronic Chronic 0.75 250 0.011 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L)	chronic   0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(#) 150
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	₩L chronic 5.0 126 Chronic Chronic 0.75 250 0.011 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L)  acute  340  340  50  TVS 50  TVS  TVS  50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50  TVS 50	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	₩L chronic 5.0 126 Chronic Chronic 0.75 250 0.011 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute acut	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>1)</del> 150 TVS 100
COSPBT14 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *Classification only.	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2024 : DUWS applies to Lonetree Reservoir ie) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.5 ⁻ 	₩L chronic 5.0 126 Chronic Chronic 0.75 250 0.011 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            50         TVS         50         TVS         S0         TVS         50         TVS            50         TVS            TVS         50         TVS         50         TVS         50         TVS            TVS            TVS            TVS            TVS	chronic     TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = totaltr = trout D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

COSPBT15	Classifications	Physical and	Biological		I	Vetals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WC	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
<u>*Uranium(acι</u>	ute) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Uranium(chr	ronic) = See 38.5(3) for details.				Chromium III(T)	50	
		Inorga	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite			Molybdenum(T)		150
		Phosphorus	<u>0.05</u> -	<del>0.05<u></u> -</del> 	Nickel	TVS	TVS
					Nickel(T)		100
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002			
					Silver	TVS	TVS(tr)
					Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
This segment	t includes Lake Estes and St Mary's L Classifications	ake. Physical and	d Biological		, , , , , , , , , , , , , , , , , , ,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
Tomporary	Addification(c):				1		
	Nodification(s):			120	Chromium III(T)	50	
Arsenic(chror	nic) = hybrid			120	Chromium III(T) Chromium VI	50 TVS	 TVS
Arsenic(chror Expiration Da	nic) = hybrid ate of 12/31/2024		nic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chror Expiration Da *Classificatior	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake	Inorga	nic (mg/L) acute	chronic	Chromium VI Copper	TVS TVS	TVS TVS
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake	Inorga Ammonia	nic (mg/L) acute TVS	chronic TVS	Chromium VI Copper Iron	TVS TVS 	TVS TVS WS
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake ake_only.	Ammonia Boron	nic (mg/L) acute TVS 	chronic TVS 0.75	Chromium VI Copper Iron Iron(T)	TVS TVS 	TVS TVS WS 1000
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride	nic (mg/L) acute TVS 	<b>chronic</b> TVS 0.75 250	Chromium VI Copper Iron Iron(T) Lead	TVS TVS  TVS	TVS TVS WS 1000
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine	nic (mg/L) acute TVS  0.019	<b>chronic</b> TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS TVS  TVS 50	TVS TVS WS 1000 TVS
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide	nic (mg/L) acute TVS  0.019 0.005	chronic TVS 0.75 250 0.011 	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS TVS  TVS 50 TVS	TVS TVS WS 1000 TVS TVS/WS
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate	nic (mg/L) acute TVS  0.019 0.005 10	<b>chronic</b> TVS 0.75 250 0.011 	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS TVS  TVS 50 TVS 	TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(4)</del>
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> ⁻	<b>chronic</b> TVS 0.75 250 0.011  	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS TVS  TVS 50 TVS 	TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nic (mg/L) acute TVS  0.019 0.005 10	chronic TVS 0.75 250 0.011  0.05	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS  TVS 50 TVS  TVS	TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> ⁻	Chronic TVS 0.75 250 0.011  0.05  WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS  TVS 50 TVS  TVS  TVS	TVS TVS WS 1000 TVS TVS/WS 0.01( <del>()</del> 150 TVS 100
Arsenic(chror Expiration Da Classification and Mirror La	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> ⁻ 	chronic TVS 0.75 250 0.011  0.05	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS  TVS 50 TVS  TVS  TVS	TVS TVS WS 1000 TVS  TVS/WS 0.01 <del>(t)</del> 150 TVS 100 TVS
Arsenic(chror Expiration Da *Classificatior and Mirror La *Uranium(acu	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> - 	Chronic TVS 0.75 250 0.011  0.05  WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS TVS  TVS 50 TVS  TVS  TVS TVS TVS	TVS TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS
Arsenic(chror Expiration Da *Classification and Mirror La *Uranium(acu	nic) = hybrid ate of 12/31/2024 n: DUWS applies to St.Mary's Lake <u>ike_</u> only. <u>ute) = See 38.5(3) for details.</u>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> - 	Chronic TVS 0.75 250 0.011  0.05  WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS  TVS 50 TVS  TVS  TVS	TVS VS 1000 TVS 0.01(#) 150 TVS 100 TVS

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

DM = daily maximum

t = total

tr = trout

MWAT = maximum weekly average temperature

OSPBT17	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS*	pН	6.5 - 9.0		Beryllium		
ualifiers:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
ater + Fish	Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
her:		Inorgar	nic (mg/L)		Chromium III		TVS
emporary M	lodification(s):		acute	chronic	Chromium III(T)	50	
senic(chron	nic) = hybrid	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
piration Da	te of 12/31/2024	Boron		0.75	Copper	TVS	TVS
lassification	n: DUWS applies to Pinewood Lake	Chloride		250	Iron		WS
ly.		Chlorine	0.019	0.011	lron(T)		1000
	te) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
ranium(chro	onic) = See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(</del> t
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies
					Utanium	valles	
					Zinc	TVS	
3. All lakes a	and reservoirs tributary to the Little TI	hompson River from the source to	the Culver Ditch div	/ersion- <u>(40.2</u>	Zinc		TVS
	and reservoirs tributary to the Little Ti Classifications	hompson River from the source to Physical and		version- <u>(40.2</u>	Zinc 259242, -105.200029).		
OSPBT18				version- <u>(40.2</u> MWAT	Zinc 259242, -105.200029).	TVS	TVS
DSPBT18 esignation	Classifications Agriculture Aq Life Cold 1		Biological		Zinc 259242, -105.200029).	TVS	TVS
OSPBT18 esignation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT	Zinc 259242, -105.200029).	TVS	TVS chroni
DSPBT18 esignation eviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CL	MWAT	Zinc 259242, -105.200029), Aluminum	TVS Metals (ug/L) acute	TVS chroni 
DSPBT18 esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CL acute	MWAT CL chronic	Zinc 259242, -105.200029), Aluminum Arsenic	TVS Metals (ug/L) acute 340	TVS chroni 
DSPBT18 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	Zinc 259242, -105.200029). Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute 340	Chroni 
DSPBT18 esignation eviewable ualifiers: her:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CL acute 	MWAT CL chronic 6.0 7.0	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute 340 	TV: chroni  0.0; TV:
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340  TVS	
OSPBT18 esignation eviewable ualifiers: ther: Jranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340  TVS 5.0	
DSPBT18 esignation eviewable ualifiers: ther: lranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Zinc 259242, -105.200029). Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS 5.0 	
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0 	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS 5.0  50	TVS chroni   TVS  TVS  TVS
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute  6.5 - 9.0  tic (mg/L)	MWAT CL chronic 6.0 7.0  126	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340  TVS 5.0  50 TVS	TVS chroni  0.02  TVS  TVS  TVS 
DSPBT18 esignation eviewable ualifiers: ther: lranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	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  hic (mg/L) acute	MWAT CL chronic 6.0 7.0  126 chronic	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 340 TVS 5.0 50 TVS TVS TVS TVS	TVS chroni    TVS  TVS  TVS          -
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CL acute   6.5 - 9.0  ( () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () ()	MWAT CL chronic 6.0 7.0  126  126 	Zinc 259242, -105.200029). Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 340 5.0 5.0 5.0 TVS 5.0 TVS TVS TVS TVS	TVS chroni    TVS  TVS  TVS  TVS   TVS   TVS    TVS     -
DSPBT18 esignation eviewable nalifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CL acute  6.5 - 9.0  () () CL acute TVS 	MWAT CL chronic 6.0 7.0  126 126 chronic TVS 0.75	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 340 TVS 5.0 50 TVS 50 TVS TVS	TV: chroni    TV:  TV:  TV:   TV:        -
DSPBT18 esignation eviewable ualifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride	Biological DM CL acute   6.5 - 9.0   (mg/L) acute T∨S  	MWAT CL chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Zinc 259242, -105.200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS  Metals (ug/L)  acute  340   340   TVS  50  TVS  50  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TV	TVS chroni  0.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
DSPBT18 signation viewable alifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	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  6.5 - 9.0  ( CV   NC     	MWAT CL chronic 6.0 7.0  126  126  126  126  250 0.011	Zinc 259242, -105,200029), 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 340 340 TVS 5.0 50 TVS 50 TVS TVS CTVS CTVS CTVS CTVS CTVS CTVS C	TVS chroni     TVS   TVS   TVS    TVS         -
DSPBT18 esignation eviewable nalifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgar         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CL CL acute   ( CC  ( CC  CC  CC  CC   CC       CL  	MWAT CL chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011 	Zinc 259242, -105,200029), 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  Metals (ug/L)  acute  340   340   50  TVS  50  TVS  TVS  TVS  50  TV  50  50  TV  50  TV 50  TV  50  TV 50  TV 50  TV 50 TV 50 TV 5	TVS chroni 
DSPBT18 signation viewable alifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	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 acute   ( CC  CC  CC  CC  CC  CC  CC  CC  CC  CL  	MWAT CL chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Zinc 259242, -105,200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute	TVS chroni  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
DSPBT18 esignation eviewable nalifiers: her: ranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	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 CL acute   ( CC  CC  CC  CC                                                                                                                                                                                                       	MWAT           CL           chronic           6.0           7.0              126           chronic           126           0.011              0.05	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Arsenic Arsenic Arsenic Cinc Beryllium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Cadmium Copper Iron Iron Iron Lead Lead Lead Manganese Mercury Molybdenum (T)	TVS  Metals (ug/L)  Acute  Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acute Acut	TVS chroni 
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	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 acute   6.5 - 9.0  6.5 - 9.0  ( 0.5  0.019 0.005 10  0.05 10	MWAT           CL           chronic           6.0           7.0           126           0.126           Chronic           126           0.011           0.011           0.05           0.05	Zinc 259242, -105.200029), 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(T) Molybdenum(T) Nickel	TVS       Metals (ug/L)       acute       340          340          50       TVS	
DSPBT18 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CL CL acute   ( CC  CC  CC  CC  CC  CC  CC  CC  CC   CC   CC                                                                                                                                                                             	MWAT           CL           chronic           6.0           7.0              126           Chronic           126           0.011              0.011              0.05              WS	Zinc 259242, -105,200029), 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(T) Nickel Nickel(T)	TVS       Metals (ug/L)       acute       340          340          50       TVS       50       50       50       50       50       50       50       50       50       50       50       50<	TVS chroni    TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS        -
DSPBT18 esignation eviewable ualifiers: ther: lranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CL CL acute   ( CC  CC  CC  CC  CC  CC  CC  CC  CC   CC   CC                                                                                                                                                                                  	MWAT           CL           chronic           6.0           7.0              126           Chronic           126           0.011              0.011              0.05              WS	Zinc 259242, -105,200029), Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute       340          340          50       TVS	TVS chronic 0.02 TVS TVS TVS TVS 0.01 TVS 0.01 (f) 150 TVS 100

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

DM = daily maximum

t = total

tr = trout

MWAT = maximum weekly average temperature

COSPBT19	Classifications	Physical and	Biological			/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>21</mark>	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> *
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	te) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium III		TVS
Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSPCP01	Classifications	Physical and	Biological		Ν	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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	TVS
emporarv M	lodification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
vrsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	te of 12/31/2024				Chromium III(T)	50	
Uranium(acu	piration Date of 12/31/2024 ranium(acute) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	<u>varies*</u>
					Zinc	TVS	TVS

COSPCP02A	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		
ther:		pН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	odification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2024					Chromium III(T)	50	
*chlorophyll a (mg/m ² )(chronic) = applies only above		Inorganic (mg/L)		Chromium VI	TVS	TVS	
ne facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus( acilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	te) = See 38.5(3) for details.	Boron		0.75	lron(T)		1000
Uranium(chro	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	-varies*	varies*
					Zinc	TVS	TVS

COSPCP02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
)ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	lodification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	te of 12/31/2024				Chromium III(T)	50	
•	te) = See 38.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cunter		0.002	Silver	TVS	TVS(tr)
				Uranium	varies*	varies*	
					Zinc		
						1/3	IVS
. Deleted. <u>3. I</u>	Elkhorn Creek, including all tributari	ies and wetlands, from the source to	the confluence wit	th the Cache		TVS	TVS
. Deleted. <u>3.  </u> :OSPCP03	Elkhorn Creek, including all tributari	ies and wetlands, from the source to Physical and		th the Cache	La Poudre River.	Metals (ug/L)	IVS
	-			th the Cache MWAT	La Poudre River.		chronic
OSPCP03 esignation	Classifications		Biological		La Poudre River.	Metals (ug/L)	
OSPCP03 esignation	Classifications Agriculture	Physical and	Biological DM	MWAT	La Poudre River.	Metals (ug/L) acute	chronic
OSPCP03 esignation	Classifications Agriculture Ag Life Cold 1	Physical and	Biological DM <u>CS-I</u>	MWAT <u>CS-I</u>	La Poudre River.	Metals (ug/L) acute <u>340</u>	chronic 
OSPCP03	Classifications Agriculture Ag Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM <u>CS-I</u> acute	MWAT <u>CS-I</u> chronic	La Poudre River. Arsenic Arsenic(T)	Metals (ug/L) acute <u>340</u> 	chronic  <u>0.02</u>
COSPCP03	Classifications Agriculture Ag Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM <u>CS-I</u> acute 	MWAT <u>CS-I</u> chronic <u>6.0</u>	La Poudre River. Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute <u>340</u>  <u>TVS</u>	chronic  0.02 <u>TVS</u>
OSPCP03 esignation eviewable tualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM <u>CS-I</u> acute 	MWAT <u>CS-I</u> chronic <u>6.0</u> <u>7.0</u>	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T)	Metals (ug/L) acute 340  TVS 5.0	chronic  0.02 TVS  TVS
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications Agriculture Ag Life Cold 1 Recreation E	Physical and <u>Temperature °C</u> D.O. (mg/L) D.O. (spawning) pH	Biological DM <u>CS-I</u> acute  6.5 - 9.0	MWAT <u>CS-I</u> chronic <u>6.0</u> <u>7.0</u> <u></u>	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340  TVS 5.0 	chronic  0.02 TVS  TVS 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	Biological DM CS-1 acute  6.5 - 9.0 	MWAT <u>CS-I</u> chronic 6.0 7.0 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340  TVS 5.0  50	chronic  0.02 <u>TVS</u> 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0 	MWAT <u>CS-I</u> chronic 6.0 7.0 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	chronic 
OSPCP03 esignation eviewable ualifiers: ther: Jranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM <u>CS-1</u> acute  6.5 - 9.0  	MWAT <u>CS-I</u> chronic 6.0 7.0 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS 	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM <u>CS-</u> acute  <u>6.5 - 9.0</u>   (mg/L)	MWAT <u>CS-I</u> chronic <u>6.0</u> <u>7.0</u> <u></u> <u>150</u> <u>126</u>	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani	Biological DM <u>CS-</u> acute  <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u>  (to (mg/L) acute <u>TVS</u>	MWAT <u>CS-I</u> chronic <u>6.0</u> <u>7.0</u> <u></u> - <u>150</u> <u>126</u> chronic	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS 	chronic  0.02 TVS  TVS   TVS
OSPCP03 esignation eviewable ualifiers: ther: Jranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-1 acute  6.5 - 9.0  c c ic (mg/L) acute TVS  	MWAT <u>CS-</u> J chronic 6.0 7.0 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper. Iron Iron(T) Lead	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS   TVS	chronic 
OSPCP03 esignation eviewable ualifiers: ther: Jranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM <u>CS-</u> acute  <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u>  (to (mg/L) acute <u>TVS</u>	MWAT <u>CS-</u> I chronic <u>6.0</u> <u>7.0</u> <u>126</u> <u>126</u> chronic <u>TVS</u>	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS  TVS  50 TVS 	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM <u>CS-1</u> acute   <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u> <u></u> <u>6.5 - 9.0</u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>	MWAT <u>CS-</u> I chronic 6.0 7.0 120 120 120 Chronic TVS 0.75 250 0.011	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T). Manganese	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Chloride         Cyanide	Biological DM <u>CS-</u> acute   6.5 - 9.0  6.5 - 9.0  () () acute TVS   0.019 0.005	MWAT <u>CS-</u> chronic 6.0 7.0 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS  TVS  50 TVS 	chronic 
COSPCP03 Designation Leviewable Rualifiers: Dther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Chloride         Nitrate	Biological DM <u>CS-</u> acute  6.5 - 9.0  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0) 	MWAT <u>CS-</u> J chronic 6.0 7.0 120 120 126 0.12 0.75 250 0.011 	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper. Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic 
OSPCP03 esignation eviewable ualifiers: ther: Jranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite	Biological DM <u>CS-1</u> acute   <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u> <u>6.5 - 9.0</u> <u>6.0 - 9.0</u> <u>7.0 - 9.0</u> <u>10</u> <u>0.005</u> <u>10</u> <u>0.05 - 9.0</u>	MWAT <u>CS-</u> J chronic 6.0 7.0 126 126 126 0.12 Chronic TVS 0.75 250 0.011 125 126 126 126 126 126 126 126 126	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM <u>CS-</u> acute  <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u> <u>6.5 - 9.0</u> <u>6.0 - 9.0</u> <u>7.0 - 9.0</u> <u>10</u> <u>0.005</u> <u>10</u> <u>6.0 - 9.5</u> <u>6.5 - 9.0</u> <u>7.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.0 - 9.</u>	MWAT <u>CS-</u> J chronic 6.0 7.0 	La Poudre River.	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS  S0 TVS 50 TVS 50 TVS  TVS 	chronic 
OSPCP03 eesignation eeviewable tualifiers: ther: Uranium(acu	Classifications <u>Agriculture</u> <u>Aq Life Cold 1</u> <u>Recreation E</u> <u>Water Supply</u> te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Nitrite	Biological DM <u>CS-1</u> acute   <u>6.5 - 9.0</u>  <u>6.5 - 9.0</u> <u>6.5 - 9.0</u> <u>6.0 - 9.0</u> <u>7.0 - 9.0</u> <u>10</u> <u>0.005</u> <u>10</u> <u>0.05 - 9.0</u>	MWAT <u>CS-</u> J chronic 6.0 7.0 126 126 126 0.12 Chronic TVS 0.75 250 0.011 125 126 126 126 126 126 126 126 126	La Poudre River. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic 

t = total

tr = trout

I

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

4. Deleted.					
COSPCP04 Classifications	Physical and Biological		Metals	(ug/L)	
Designation	DM	MWAT		acute	chronic
Qualifiers:	acute	chronic			
Other:					
	Inorganic (mg/L)				
	acute	chronic			
5. Deleted.					
J. Deleleu.					
	Physical and Biological		Metals	(ug/L)	
COSPCP05 Classifications	Physical and Biological DM	MWAT	Metals	(ug/L) acute	chronic
COSPCP05 Classifications Designation		MWAT	Metals		chronic
COSPCP05 Classifications Designation		MWAT	Metals		chronic
	DM		Metals		chronic
COSPCP05 Classifications Designation Qualifiers:	DM		Metals		chronic
COSPCP05 Classifications Designation Qualifiers:	DM		Metals		chronic

6. Mainstem o	f the North Fork of the Cache La F	Poudre River, including all tributaries	and wetlands, from	the source t	o the inlet of Halligan Re	servoir.	
COSPCP06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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	odification(s):	chlorophyll a (mg/m ² )		150	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS

COSPCP07	Classifications	Physical and	Biological		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:		рН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	lodification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2024				Chromium III(T)	50	
Uranium(acu	te) = See 38.5(3) for details.	Inorganic (mg/L)		Chromium VI	TVS	TVS	
Uranium(chronic) = See 38.5(3) fo	onic) = See 38.5(3) for details.		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(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

OSPCP08	Classifications	Physical and	Biological		A	<del>letals (ug/L)</del>	
esignation	Agriculture		ÐM	MWAT		acute	chronic
eviewable	Aq Life Cold 2	Temperature °C	<del>CS-II</del>	<del>CS-II</del>	Aluminum		
	Recreation E		acute	<del>chronic</del>	Arsenic	340	
	Water Supply	<del>D.O. (mg/L)</del>	-	<del>6.0</del>	Arsenic(T)		<del>0.02</del>
ualifiers:		D.O. (spawning)		<del>7.0</del>	Beryllium		
Nater + Fish Standards		<del>pH</del>	<del>6.5 - 9.0</del>		Cadmium	TVS	TVS
Other:		<del>chlorophyll a (mg/m²)</del>		<del>150*</del>	<del>Cadmium(T)</del>	<del>5.0</del>	
emporary M	odification(s):	<del>E. Coli (per 100 mL)</del>		<del>126</del>	Chromium III		TVS
rsenic(chron	<del>ic) = hybrid</del>				Chromium III(T)	<del>50</del>	
Expiration Date of 12/31/2024		Inorganic (mg/L)		Chromium VI	TVS	TVS	
hlorophyll a	(mg/m ² )(chronic) = applies only above		acute	chronic	Copper	TVS	Ŧ₩S
e facilities lis	sted at 38.5(4).	Ammonia	TVS	TVS	<del>lron</del>		₩S
<del>'nospnorus(</del> cilities listed	chronic) = applies only above the at 38.5(4).	Boron		<del>0.75</del>	<del>lron(T)</del>		<del>1000</del>
		Chloride	⁻	<del>250</del>	Lead	TVS	TVS
		Chlorine	<del>0.019</del>	<del>0.011</del>	<del>Lead(T)</del>	<del>50</del>	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	<del>10</del>		Mercury		<del>0.01(t)</del>
		Nitrite		<del>0.05</del>	Molybdenum(T)		<del>150</del>
		Phosphorus		<del>0.11*</del>	Nickel	TVS	TVS
		Sulfate		₩ <del>S</del>	Nickel(T)		<del>100</del>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	<del>TVS(tr)</del>
					Uranium		
					Zinc	TVS	TVS

COSPCP09COSPCP08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS- <mark>   </mark>	CS- <mark>#!</mark>	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
<pre>"emporary Modification(s): Arsenic(chronic) = hybrid</pre>		chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/3					Chromium III(T)	50	
chlorophyll a (mg/m²)(chronic) = applies only above		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
he facilities listed at 38	.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus(chronic) = acilities listed at 38.5(4	applies only above the ).	Ammonia	TVS	TVS	Iron		WS
Uranium(acute) = See	,	Boron		0.75	lron(T)		1000
<u>Uranium(chronic) = Se</u>	e 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	- <u>varies*</u>	varies*
					Zinc	TVS	TVS
Deleted.							
OSPCP09 Classific	ations	Physical and	Biological			<u>Metals (ug/L)</u>	
esignation			<u>DM</u>	<u>MWAT</u>		acute	<u>chronic</u>

Other	
<u>Other:</u>	Inorganic (mg/L)
	acute chronic

COSPCP10A	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
emporary Mo	odification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
rsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Date	e of 12/31/2024				Chromium III(T)	50	
Jranium(acut	e) = See 38.5(3) for details.	Inorgan	· 3· · · ( 3· )		Chromium VI	TVS	TVS
Jranium(chronic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSPCP10B	Classifications	Physical and	Biological			Vetals (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		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Femporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni	ic) = hybrid				Chromium III(T)	50	
Expiration Dat	e of 12/31/2024	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Uranium(acut	e) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
Uranium(chro	nic) = See 38.5(3) for details.	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 <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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		m Shields Street in Ft. Collins to a p	oint immediately ab	ove the conflu	lence with Boxelder Creek		
COSPCP11	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM M	MWAT		acute	chronic
Reviewable	Aq Life WarmCold 1	Temperature °C	<del>₩S-I<u>CS-II</u> ¥</del>	<del>NS-I<u>CS-II</u></del>	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		<del>5<u>6</u>.0</del>	Arsenic(T)		<del>7.6<u>0.02</u></del>
Qualifiers:		D.O. (spawning)		<u>7.0</u>	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	<u>5.0</u>	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III	<del>TVS</del>	TVS
Expiration Dat	te of 12/31/2024				Chromium III(T)	<u>50</u>	<del>100<u></u></del>
*I Iranium(acu	te) = See 38.5(3) for details.	Inorga	nic (mg/L)		Chromium VI	TVS	TVS
	D(x) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
Oramani		Ammonia	TVS	TVS	Iron	<u></u>	<u>WS</u>
		Boron		0.75	Iron(T)		1000
		Chloride		<u>250</u> -	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	<u></u>
		Cyanide	0.005		Manganese	TVS	TVS <mark>/WS</mark>
		Nitrate	<del>100<u>10</u></del>		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	⁻	2.7 -	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		<u>WS</u> -	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cunico		0.002	Silver	TVS	TVS <u>(tr)</u>
					Uranium	varies*	varies*
					Zinc	TVS	TVS
12. Mainstem	of the Cache La Poudre River fror	n a poinpoint immediately above the	e confluence with B	oxelder Creek			1.10
COSPCP12	Classifications	Physical and					
Dealers			Diological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Agriculture Aq Life Warm 1	Temperature °C	-	MWAT WS-I	Aluminum		chronic
-			DM				chronic 
•	Aq Life Warm 1		DM WS-I	WS-I	Aluminum	acute	-
-	Aq Life Warm 1 <u>Water Supply</u>	Temperature °C	DM WS-I acute	WS-I chronic	Aluminum Arsenic	acute 	
Reviewable Qualifiers:	Aq Life Warm 1 <u>Water Supply</u>	Temperature °C D.O. (mg/L)	DM WS-I acute	WS-I chronic 5.0	Aluminum Arsenic Arsenic(T)	acute 	
Reviewable Qualifiers: Other:	Aq Life Warm 1 <u>Water Supply</u> Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I acute  6.5 - 9.0	WS-I chronic 5.0 	A <del>luminum</del> Arsenic Arsenic(T) <del>Beryllium</del>	acute  340  TVS	  <del>7.6</del> 0.02 
Qualifiers: Other: Temporary M	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u>	acute  340  TVS 5.0	  7.60.02  TVS 
Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	  <del>7.6</del> 0.02 
Qualifiers:         Other:         Temporary       M         Arsenic(chron         Expiration       Date	Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>lodification(s):</u> <u>ic) = hybrid</u> te of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0   nic (mg/L)	WS-I chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS <u>5.0</u> TVS	  7 <u>.60.02</u>  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS	WS-I           chronic           5.0              126           chronic           TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0 TVS 50	  7.60.02  TVS  TVS 400
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>lodification(s):</u> <u>ic) = hybrid</u> te of 12/31/2024	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS 	WS-I chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS	  7.60.02  TVS  TVS 100 TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  	WS-I chronic 5.0  126 chronic TVS 0.75 250 ⁻	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS <u>5.0</u> T <del>VS</del> <u>50</u> TVS	 7.60.02 TVS  TVS 100 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  TVS  0.019	WS-I chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS	 7.60.02  TVS  TVS 100 TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005	WS-I chronic 5.0  126 126 chronic TVS 0.75 <u>250</u> - 0.011	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 5.0 TVS 50 TVS TVS TVS TVS	 7.60.02 TVS  TVS 100 TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  TVS  0.019 0.005 10010	WS-I chronic 5.0  126 chronic TVS 0.75 <u>250</u> - 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 acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	 7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10010 	WS-I chronic 5.0  126 chronic TVS 0.75 <u>250</u> - 0.011  2.7 -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-I acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10010  	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 - 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS TVS <u>50</u> TVS <u>50</u> TVS <u>50</u> TVS	 7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+)</del>
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10010    	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 -   WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	 7.60.02 TVS TVS 100 TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+</del> ) 150
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-I acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10010  	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 - 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute acute 340  TVS 5.0 TVS 5.0 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>()</del> 150 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10010  10010 	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 -   WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0 TVS 5.0 TVS  TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	  7.60.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS             -
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10010  10010 	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 -   WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 7.60.02 TVS TVS 100 TVS TVS TVS WS 1000 TVS WS 0.01(+) 150 TVS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10010  10010 	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 -   WS -	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(T)         Nickel         Nickel(T)         Selenium         Silver	acute acute 340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 7.60.02 TVS TVS TVS 100 TVS TVS WS 1000 TVS WS 0.01( <del>+</del> ) 150 TVS 100 TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-I acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10010  10010 	WS-I chronic 5.0  126 Chronic TVS 0.75 <u>250</u> - 0.011  2.7 -   WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 7.60.02 TVS TVS 100 TVS TVS TVS WS 1000 TVS WS 0.01(+) 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

COSPCP13A	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <u>21</u>	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> '
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M		Inorgani	ic (mg/L)		Chromium III		TVS
Arsenic(chronic) = hybrid Expiration Date of 12/31/2024			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	$(mg/m^2)$ (chronic) = applies only above	Boron		0.75	Copper	TVS	TVS
Phosphorus(	ted at 38.5(4). chronic) = applies only above the	Chloride		250	Iron		WS
acilities listed		Chlorine	0.019	0.011	Iron(T)		1000
	e = See 38.5(3) for details. onic) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
Oranium(cmc	(inc) = See 30.3(3) for details.	Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

Creek, and Sand Creek			fluences with the mainste	m of Poyoldor		anstems of	South Branch of Boxelder	ereen, riena Branen	
COSPCP13CCOSPCP1	1			al and Biolog				Metals (ug/L)	
Designation	Agriculture	·	i nyolo	ai ana Biolog	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold <del>2</del> 1		Temperature °C		CS-I	CS-I	Aluminum	acute	
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02 <mark>-10</mark> A
Qualifiers:			D.O. (spawning)			7.0	Beryllium		0.02 10
Other:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Temporary Modification	(c):		chlorophyll a (mg/m ² )			150	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid			E. Coli (per 100 mL)			126	Chromium III		TVS
Expiration Date of 12/31	_					120	Chromium III(T)	50	
*Uranium(acute) = See 3				norganic (mg/	1)		Chromium VI	TVS	TVS
*Uranium(chronic) = See				norganic (ing/	acute	chronic	Copper	TVS	TVS
	<u>, 00.0(0) 101 actails.</u>		Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(T)		1000
			Chloride			250	Lead	TVS	TVS
			Chlorine			250	Lead(T)	50	
			Cyanide		0.019		Manganese	TVS	TVS/WS
			Nitrate		10		Manganese Mercury(T)		0.01 <del>(t)</del>
							Molybdenum(T)		150
			Nitrite Phosphorus		<u>0.05</u> ⁻	<del>0.05<u></u> -</del> 0.11	Nickel	TVS	TVS
			•			WS	Nickel(T)		100
			Sulfate Sulfide			0.002	Selenium	TVS	TVS
			Suilide			0.002	Silver	TVS	TVS(tr)
							Uranium		. ,
							Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
13b13c Mainstem of Bo	xelder Creek from i	ts sourcea	point immediately above	Slab Canvon \	Vash to the	confluence	-	-	105
		<u>.</u>					with the Cache La Poudre I	Kiver.	
COSPCP1	3C Classifications	;	Physic	al and Biolog		connuence v		River. Metals (ug/L)	
COSPCP13BCOSPCP1 Designation	3C Classifications	;	Physic			MWAT			chronic
			Physic Temperature °C		ical			Metals (ug/L)	chronic
Designation	Agriculture	<u>1</u> <del>9/16 -</del>			ical DM	MWAT		Metals (ug/L)	chronic 
Designation	Agriculture Aq Life Warm <del>2</del> <del>Recreation N</del>	<u>1</u> 9/16 - 5/14			ical DM WS-# <u>I</u>	MWAT WS- <mark>HL</mark>	Aluminum	Metals (ug/L) acute	-
Designation	Agriculture Aq Life Warm <del>2</del>	<u>1</u> <del>9/16 -</del>	Temperature °C		ical DM WS-H <u>I</u> acute	MWAT WS- <u>III</u> chronic	<del>Aluminum</del> Arsenic	Metals (ug/L) acute  340	
Designation Reviewable	Agriculture Aq Life Warm <del>2</del> <del>Recreation N</del>	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L)		ical DM WS- <mark>HI</mark> acute 	MWAT WS- <u>HI</u> chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340	
Designation	Agriculture Aq Life Warm 2 Recreation N Recreation P	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH		ical DM WS-# <u>1</u> acute  6.5 - 9.0	<b>MWAT</b> WS- <del>III</del> <b>chronic</b> 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340  TVS	  <u>1000.02</u>  TVS
Designation Reviewable	Agriculture Aq Life Warm 2 Recreation N Recreation P	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	al and Biolog	ical DM WS-441 acute  6.5 - 9.0 	<b>MWAT</b> WS- <mark>44</mark> <b>chronic</b> 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340 	  1 <del>000.02</del> 
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Warm <del>2</del> <del>Recreation N</del> Recreation P <u>Water Supply</u>	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	al and Biolog	ical DM WS-441 acute  6.5 - 9.0 	MWAT WS-HI chronic 5.0  150* 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS 5.0	  1 <u>000.02</u>  TVS 
Designation Reviewable Qualifiers: Other: Temporary Modification	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u>	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) <del>E. Coli (per 100 mL)</del>	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0 	MWAT WS-HI chronic 5.0  150* 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium <u>Cadmium(T)</u> Chromium III	Metals (ug/L) acute 340  TVS <u>5.0</u> TVS	 <u>1000.02</u>  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Modification Arsenic(chronic) = hybrid	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u>	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) <del>E. Coli (per 100 mL)</del>	al and Biolog	ical DM WS-411 acute  6.5 - 9.0   L)	MWAT WS-HI chronic 5.0  150* 205	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340  TVS 5.0 TVS 5.0	 1000.02  TVS  TVS 100
Designation Reviewable Qualifiers: Other: Temporary Modification	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u>	<u>9/16 -</u> 5/14 5/15 -	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/15 9/16 - 5/14	ical DM WS-441 acute  6.5 - 9.0   L) acute	MWAT WS-III chronic 5.0  150* 205 630	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS	 <u>1000.02</u>  TVS <u></u> TVS <u>100</u> TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Modification Arsenic(chronic) = hybrid Expiration Date of 12/31 *chlorophyll a (mg/m²)(c	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> (s): 2 /2024 hronic) = applies on	1 9/16- 5/14 5/15- 9/15	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) <del>E. Coli (per 100 mL)</del>	5/15 - 9/15 9/16 - 5/14	ical DM WS-411 acute  6.5 - 9.0   L)	MWAT WS-III chronic 5.0  150* 205 630 630 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS	 <u>1000.02</u>  TVS  TVS <u>100</u> TVS
Designation Reviewable Qualifiers: Other: Temporary Modification Arsenic(chronic) = hybrid Expiration Date of 12/31 *chlorophyll a (mg/m²)(c the facilities listed at 38. *Phosphorus(chronic) =	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> (s): 1 (2024 hronic) = applies on 5(4). applies only above	1 9/16 5/14 5/15 9/15	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron	5/15 - 9/15 9/16 - 5/14	ical DM WS-441 acute  6.5 - 9.0   CU L) acute TVS	MWAT WS-HJ 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	Metals (ug/L) acute  340  TVS <u>5.0</u> TVS <u>5.0</u> TVS <u>50</u> TVS TVS	 1000.02  TVS  TVS 100 TVS TVS TVS <u>WS</u>
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(cthe facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> (s): (2024 hronic) = applies on 5(4). applies only above to	1 9/16 5/14 5/15 9/15	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/15 9/16 - 5/14	ical DM WS-# <u>1</u> acute 6.5 - 9.0   L) acute TVS 	MWAT WS-HI chronic 5.0  150* 205 630 630 Chronic TVS 0.75 <u>250</u> -	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 <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS TVS	 1000.02  TVS  TVS 100 TVS VVS WS 1000 TVS
Designation         Reviewable         Qualifiers:         Other:         Temporary_Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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) I Ammonia Boron Chloride Chlorine	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0    L) acute TVS  0.019	MWAT WS-HJ chronic 5.0  150* 205 630 630 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340  TVS 5.0 TVS 5.0 TVS TVS TVS	 1000.02  TVS  TVS 100 TVS TVS <u>WS</u> 1000
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(cthe facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0     L) acute TVS  0.019 0.005	MWAT WS-III chronic 5.0  150* 205 630 (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 <u>5.0</u> TVS 50 TVS TVS TVS TVS S	 1000.02  TVS  TVS 100 TVS TVS WS 1000 TVS 
Designation         Reviewable         Qualifiers:         Other:         Temporary_Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0 6.5 - 9.0 C C D C C C C C C C C C C C C C C	MWAT WS-HJ chronic 5.0  150* 205 630 630 Chronic TVS 0.75 <u>250</u> - 0.011 	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	Metals (ug/L) acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS TVS TVS 50 TVS	 1000.02  TVS  TVS 100 TVS WS 1000 TVS  1000 TVS
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0     L) acute TVS  0.019 0.005	MWAT WS-HJ chronic 5.0  150* 205 630 630 Chronic TVS 0.75 <u>250</u> - 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(T)	Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	 1000.02  TVS  TVS  TVS  TVS  TVS   TVS        -
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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) II Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0      L) acute TVS  0.019 0.005 10010 0.5 [−] 	MWAT WS-III chronic 5.0  150* 205 630 Chronic TVS 0.75 250 - 0.011  0.011  0.5 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(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340  TVS 5.0 TVS 5.0 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 1000.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0   CO U S CO U S CO U S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO CO CO CO CO CO CO CO CO CO CO CO	MWAT WS-HI chronic 5.0  150* 205 630 630 Chronic TVS 0.75 250 - 0.011  0.011  0.17*  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(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute acute 340  TVS 5.0 TVS 5.0 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS	1000.02 TVS TVS TVS 1000 TVS WS 1000 TVS TVS/WS 0.01(+) 150 TVS 100
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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) II Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0      L) acute TVS  0.019 0.005 10010 0.5 [−] 	MWAT WS-III chronic 5.0  150* 205 630 Chronic TVS 0.75 250 - 0.011  0.011  0.5 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS  50 TVS TVS  50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	1000.02 1000.02 TVS TVS 1000 TVS 1000 TVS TVS(WS 0.01(#) 150 TVS 1000 TVS
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0   CO U S CO U S CO U S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO CO CO CO CO CO CO CO CO CO CO CO	MWAT WS-HI chronic 5.0  150* 205 630 630 Chronic TVS 0.75 250 - 0.011  0.011  0.17*  0.17*	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Berylium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron(T)         Lead         Lead(T)         Manganese         Mercury(T)         Nickel         Nickel(T)         Selenium         Silver	Metals (ug/L) acute acute 340  340  TVS 5.0 TVS 5.0 TVS 5.0 TVS 5.0 TVS 5.0 TVS 5.0 TVS 5.0 TVS 5.0 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS	 1000.02 TVS  TVS 100 TVS WS 1000 TVS WS 0.01( <del>+)</del> 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS
Designation         Reviewable         Qualifiers:         Other:         Temporary Modification         Arsenic(chronic) = hybrid         Expiration Date of 12/31         *chlorophyll a (mg/m²)(c         the facilities listed at 38.         *Phosphorus(chronic) =         facilities listed at 38.5(4)         *Uranium(acute) = See 3	Agriculture Aq Life Warm 2 Recreation N Recreation P <u>Water Supply</u> ( <u>s):</u> ( <u>s):</u> ( <u>2024</u> hronic) = applies on 5(4). applies only above 1 38.5(3) for details.	1 9/16- 5/14 5/15- 9/15	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	5/15 - 9/15 9/16 - 5/14	ical DM WS-44] acute 6.5 - 9.0   CO U S CO U S CO U S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO S CO CO CO CO CO CO CO CO CO CO CO CO CO	MWAT WS-HI chronic 5.0  150* 205 630 630 Chronic TVS 0.75 250 - 0.011  0.011  0.17*  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(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS 5.0 TVS 5.0 TVS  50 TVS TVS  50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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  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  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS	1000.02 1000.02 TVS TVS 100 TVS 1000 TVS TVS TVS TVS

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

DM = daily maximum

t = total

tr = trout

D.O. = dissolved oxygen

MWAT = maximum weekly average temperature

14. Horsetooth	n Reservoir.							
COSPCP14	Classifications	Physical a	and Biologica	al			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<del>1/1 - 3/31</del>	CLL <u>varies*</u>	CLL <u>varies*</u> B	Aluminum	-	
	Recreation E	Temperature °C	4 <del>/1 - 12/31</del>	CLL	<del>22.8</del> ^B	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
	DUWS			acute	chronic	Beryllium		
Qualifiers:		D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
*Uranium(acut	e) = See 38.5(3) for details.	рН		6.5 - 9.0		Chromium III		TVS
	nic) = See 38.5(3) for details.	chlorophyll a (ug/L)				Chromium III(T)	50	
*Temperature	<u>=</u> MWAT=CLL from 1/1-3/31	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
	MWAT=22.8 from 4/1-12/31					Copper	TVS	TVS
			Inorganic (	mg/L)		Iron		WS
				acute	chronic	lron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury(T)		0.01 <del>(t)</del>
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u> -	<del>0.05<u></u> -</del>	Nickel(T)		100
		Phosphorus				Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS

15. Watson La	ke.				•		
COSPCP15	Classifications	Physical and	Biological		N	/letals (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	TVS
*Uranium(acut	te) = See 38.5(3) for details.	chlorophyll a (ug/L)			Cadmium(T)	5.0	
*Uranium(chro	onic) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	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 <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cundo		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
	#4 ( <del>T 9 N, R 68 W<u>40.719045, -105.03</u> n Lake, Black Hollow Reservoir, Seele</del>		3 ( <del>T 8 N, R 68 W<u>4</u></del>	0.665205, -10			
COSPCP16	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:	•	D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
*chlorophyll a	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
and reservoirs	larger than 25 acres surface area.		ic (mg/L)		Chromium III(T)		100
	chronic) = applies only above the at 38.5(4), applies only to lakes and		acute	chronic	Chromium VI	TVS	TVS
	er than 25 acres surface area.	Ammonia	TVS	TVS	Copper	TVS	TVS
	te) = See 38.5(3) for details.	Boron		0.75	Iron(T)		1000
*Uranium(chro	onic) = See 38.5(3) for details.	Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.019		Mercury(T)		0.01 <del>(t)</del>
		Nitrate	100		Molybdenum(T)		150
		Nitrite			Nickel	TVS	TVS
			<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate					
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

COSPCP17	Classifications	Physical and	Biological			/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WC	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	TVS
Uranium(acu	te) = See 38.5(3) for details.	chlorophyll a (ug/L)			Cadmium(T)	5.0	
Uranium(chro	onic) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSPCP18	Classifications	Physica	l and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLLvaries*	CL,CLLvaries*	Aluminum	_	
	Recreation E		acut	e chroni	c 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	9.0	Cadmium	TVS	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 ler than 25 acres surface area.				Chromium III(T)	50	
-	te) = See $38.5(3)$ for details.	Inc	organic (mg/L)		Chromium VI	TVS	TVS
Uranium(chro	onic) = See 38.5(3) for details.		acut	e chroni	c Copper	TVS	TVS
	= See 38.6(4) for temperature	Ammonia	TVS	TVS	Iron		WS
standards.		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u>	- <del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS

19. All lakes a	and reservoirs tributary to the North Fo	rk of the Cache La Poudre River from	n the source to th	he inlet of Ha	alligan Reservoir.		
COSPCP19	Classifications	Physical and Bic	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
* • • • •	/ //// · · · · · · ·	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	E. Coli (per 100 mL)		126	Chromium III		TVS
	s larger than 25 acres surface area. chronic) = applies only above the				Chromium III(T)	50	
facilities listed	at 38.5(4), applies only to lakes and	Inorganic (	mg/L)		Chromium VI	TVS	TVS
,	ger than 25 acres surface area. te) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
	rec = 3ee 38.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
Oraniani(ente		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 <u>(T)</u>		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS

	nd reservoirs tributary to the North Fo des Halligan Reservoir and Seaman F		dre River fron	n the inlet of	Halligan Reserv	oir to the confluence with	h the Cache La Poudr	e River. This
COSPCP20	Classifications	Physical a	and Biologica	al			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	<del>1/1 - 3/31</del>	CL,CLL	CL,CLL	Aluminum	-	-
	Recreation E	Temperature °C	4 <del>/1 - 12/31</del>	CLLvaries*	22.5varies*	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Water + Fish	Standards	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
*ahlaranhull a		рH		6.5 - 9	0	Chromium III		TVS
the facilities lis	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	chlorophyll a (ug/L)			8*	Chromium III(T)	50	
	larger than 25 acres surface area. chronic) = applies only above the	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
facilities listed	at 38.5(4), applies only to lakes and					Copper	TVS	TVS
0	er than 25 acres surface area. e) = See 38.5(3) for details.		Inorganic (I	mg/L)		Iron		WS
	nic) = See 38.5(3) for details.			acute	chronic	Iron(T)		1000
*Temperature	( <del>4/1 - 12/31) =</del> <u>=</u>	Ammonia		TVS	TVS	Lead	TVS	TVS
DM and MWA Seaman Rese	T=CL,CLL from 1/1-3/31 rvoir	Boron			0.75	Lead(T)	50	
	MWAT=22.5 from 4/1-12/31	Chloride			250	Manganese	TVS	TVS/WS
All others DM and MWA	T=CL,CLL from 4/1-12/31	Chlorine		0.019	0.011	Mercury(T)		0.01 <del>(t)</del>
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u>	<del>0.05<u></u> -</del>	Nickel(T)		100
		Phosphorus			0.025*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	- <u>varies*</u>	<u>varies*</u>
						Zinc	TVS	TVS

COSPCP21	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10
	DUWS*	pН	6.5 - 9.0		Beryllium		
ualifiers:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
ther:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	,	Inorgar	nic (mg/L)		Chromium III		TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes		acute	chronic	Chromium III(T)	50	
nd reservoirs	a larger than 25 acres surface area.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
eservoir No.	: DUWS applies to North Poudre 3 only.	Boron		0.75	Copper	TVS	TVS
	chronic) = applies only above the at $38.5(4)$ , applies only to lakes and	Chloride		250	Iron		WS
	per than 25 acres surface area.	Chlorine	0.019	0.011	Iron(T)		1000
<u>Jranium(acu</u>	te) = See 38.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
Jranium(chro	onic) = See 38.5(3) for details.	Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> -	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus	<u></u>	0.083*	Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Sunde		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	- <u>varies*</u>	varies*
					Zinc	TVS	TVS
2 Fossil Cre	ek Reservoir.				ZIIIC	105	103
OSPCP22	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		<del>100</del> 7.6
ish Ingestio	n Standards Apply	рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	onic) = See 38.5(3) for details.		nic (mg/L)		Chromium III(T)		100
oraniani(orin			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
					Manganese	TVS	TVS
		Chlorine	0.019	0.011	-		0.01 <del>(t)</del>
		Cyanide	0.005		Mercury <u>(T)</u>		
		Nitrate	100		Molybdenum(T)		150
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium Zinc	<u>varies*</u> TVS	<u>varies'</u> TVS

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

1. All tributarie	s to the Latanie River, including a			<i>.</i>			
COSPLA01	Classifications	Physical and	Biological		N	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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	odification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus	<u></u>		Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Culluc		0.002	Silver	TVS	TVS(tr)
					Onver	100	
					Uranium	varioe*	vorioe*
		rce to the National Forest boundary,	and all tributaries a	nd wetlands <del>,</del>	Uranium Zinc from the source to the Colo	<u>varies*</u> TVS orado/Wyoming borde	<u>varies*</u> TVS er, except for
specific listing	of the Laramie River from the sour s in Segment 1. Classifications	rce to the National Forest boundary, Physical and		nd wetlands <del>,</del>	Zinc from the source to the Colo	TVS	TVS
specific listing	s in Segment 1.			nd wetlands <del>,</del> MWAT	Zinc from the source to the Colo	TVS orado/Wyoming borde	TVS
specific listing COSPLA02A	s in Segment 1. Classifications Agriculture Aq Life Cold 1		Biological		Zinc from the source to the Colo	TVS orado/Wyoming borde	TVS er, except for
<del>specific</del> listing: COSPLA02A Designation	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT	Zinc from the source to the Colo	TVS orado/Wyoming bordo Metals (ug/L) acute	TVS er, except for chronic
specific listing: COSPLA02A Designation Reviewable	s in Segment 1. Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Zinc from the source to the Colo Aluminum	TVS orado/Wyoming borde Metals (ug/L) acute	TVS er, except for chronic
specific listing: COSPLA02A Designation	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc from the source to the Colo Aluminum Arsenic	TVS orado/Wyoming borde Metals (ug/L) acute 340	TVS er, except for chronic
specific listing: COSPLA02A Designation Reviewable	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute 	MWAT CS-I chronic 6.0	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T)	TVS orado/Wyoming borde Metals (ug/L) acute  340 	TVS er, except for chronic
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other:	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)	Biological DM CS-I acute 	<b>MWAT</b> CS-I <b>chronic</b> 6.0 7.0	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium	TVS orado/Wyoming borde Metals (ug/L) acute 340 	TVS er, except for chronic  0.02
specific listing: COSPLA02A Designation Reviewable Qualifiers:	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	Biological DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS orado/Wyoming borde Metals (ug/L) acute 340  TVS	TVS er, except for chronic 0.02 TVS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Mi Arsenic(chroni	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS prado/Wyoming border Metals (ug/L) acute 340  TVS 5.0	TVS er, except for chronic  0.02  TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS orado/Wyoming border Metals (ug/L) acute 340  TVS 5.0 	TVS er, except for chronic  0.02  TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50	TVS er, except for chronic  0.02  TVS  TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L)	MWAT CS-I chronic 6.0 7.0  150 126	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS prado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS	TVS er, except for chronic  0.02  TVS  TVS  TVS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	TVS er, except for chronic  0.02  TVS  TVS  TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute   6.5 - 9.0  ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126  126 	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	TVS er, except for chronic  0.02  TVS  TVS TVS TVS WS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L) TVS 	MWAT CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	TVS er, except for chronic  0.02  TVS  TVS TVS TVS WS 1000
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute T∨S 	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc from the source to the Color Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS TVS	TVS er, except for chronic  0.02  TVS  TVS  TVS  TVS  SVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Zinc from the source to the Colo 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 orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 TVS 50 50 TVS 50 TVS 50 50 TVS 50 50 50 TVS 50 50 50 50 50 50 50 50 50 50	TVS er, except for chronic  0.02  TVS  TVS  TVS  TVS  TVS  TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute   6.5 - 9.0  6.5 - 9.0  (  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  150 126 126 0.0 126	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS er, except for chronic  0.02  TVS  TVS WS 1000 TVS  TVS/WS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute   6.5 - 9.0  () () () ()                                                                                                            	MWAT CS-I chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc from the source to the Colo Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS er, except for chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute  6.5 - 9.0  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS) (CS)  (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS)	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.126           0.011              0.05           0.11	Zinc from the source to the Colo Autoninum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron Iron Iron Iron Inon(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS orado/Wyoming border Metals (ug/L) acute 340  340  50 TVS 50 TVS  50 TVS  50 TVS  50 TVS  50 TVS  50 TVS  50 TVS  50 TVS    50 TVS        -	TVS er, except for chronic  0.02  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  TVS/WS 0.01( <del>1)</del> 150 TVS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute      (  -	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.11              0.05           0.11           WS	Zinc from the source to the Colo 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(T) Molybdenum(T) Nickel Nickel(T)	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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   TVS   TVS   TVS   TVS    TVS       	TVS er, except for chronic
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute  6.5 - 9.0  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS)  (CS) (CS)  (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS)	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.126           0.011              0.05           0.11	Zinc from the source to the Color Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS  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   TVS  TVS   TVS  TVS  TVS  TVS  TVS  TVS	TVS er, except for chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS
specific listing: COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *Uranium(acut	s in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2024 te) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute      (  -	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           126           0.11              0.05           0.11           WS	Zinc from the source to the Colo 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(T) Molybdenum(T) Nickel Nickel(T)	TVS orado/Wyoming border Metals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 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   TVS   TVS   TVS   TVS    TVS       	TVS er, except for chronic

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

		I Forest boundary to the Colorado∧	vyonning border.				
COSPLA02B	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m ² )			Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2024				Chromium III(T)	50	
*Uranium(acut	te) = See 38.5(3) for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05</del> -	Molybdenum(T)		150
		Phosphorus	<u></u>		Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	<u>varies*</u>
					Zinc	TVS	TVS
					200	100	1.40
3. All lakes an	d reservoirs tributary to the Laramie Ri	iver within the Rawah Wilderness A	rea.				
3. All lakes an COSPLA03	d reservoirs tributary to the Laramie Ri Classifications	iver within the Rawah Wilderness A Physical and Bi				Metals (ug/L)	
	-			MWAT		Metals (ug/L) acute	chronic
COSPLA03	Classifications		ological	MWAT CL	Aluminum		chronic
COSPLA03 Designation	Classifications Agriculture	Physical and Bi	ological DM		Aluminum Arsenic		chronic 
COSPLA03 Designation	Classifications Agriculture Aq Life Cold 1	Physical and Bi	ological DM CL	CL		acute	-
COSPLA03 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bi Temperature °C D.O. (mg/L)	ological DM CL acute	CL chronic	Arsenic	acute  340	
COSPLA03 Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bi	ological DM CL acute 	CL chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
COSPLA03 Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning)	ological DM CL acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) <del>Beryllium</del> Cadmium	acute  340  TVS	0.02
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	ological DM CL acute  6.5 - 9.0	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02  TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH	ological DM CL acute  6.5 - 9.0 	CL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340  TVS 5.0 	 0.02  TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ological DM 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)	acute 340  TVS 5.0	 0.02  TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acu	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	ological DM CL acute  6.5 - 9.0   (mg/L)	CL chronic 6.0 7.0  8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02 TVS  TVS  TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	ological DM CL acute  6.5 - 9.0  (mg/L) acute	CL chronic 6.0 7.0  8* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340  TVS 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acu	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	ological DM CL acute  6.5 - 9.0  (mg/L) acute 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	acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS TVS TVS WS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acu	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS 	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acu	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	ological DM CL acute  6.5 - 9.0  (mg/L) acute T∨S  	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	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02 TVS  TVS TVS TVS VVS WS 1000 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acu	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  0.019	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS  TVS 50	 0.02 TVS  TVS TVS TVS WS 1000 TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  TVS  0.019 0.005	CL chronic 6.0 7.0 * 8* 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	acute acute 340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS  TVS/WS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	ological DM CL acute  6.5 - 9.0  (mg/L) (mg/L) CVS  0.019 0.005 10	CL chronic 6.0 7.0  8* 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(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 	 0.02 TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01 <del>(t)</del>
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 <u>0.05</u> [−]	CL chronic 7.0  8* 126 Chronic TVS 0.75 250 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS   TVS 50 TVS 	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01( <del>+)</del> 150
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.05	CL chronic 7.0  8* 126  0.011  0.05 0.025*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  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  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   TVS  TVS   TVS    TVS     TVS             TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01 <del>(()</del> 150 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM CL CL acute   ( (mg/L) acute TVS  (mg/L) 0.019 0.005 10  0.05  10  	CL chronic 7.0  8* 126 ( 0.0 Chronic Chronic 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(T) Nickel Nickel(T)	acute acute 340  TVS 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( <del>+)</del> 150 TVS 100
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  0.05	CL chronic 7.0  8* 126  0.011  0.05 0.025*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 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(#) 150 TVS 1000 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM CL CL acute   ( (mg/L) acute TVS  (mg/L) 0.019 0.005 10  0.05  10  	CL chronic 7.0  8* 126 ( 0.0 Chronic Chronic 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(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  1000 TVS  TVS/WS 0.01( <del>t)</del> 150 TVS 100 TVS 100 TVS 100 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus( reservoirs larg *Uranium(acut	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 yer than 25 acres surface area. te) = See 38.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM CL CL acute   ( (mg/L) acute TVS  (mg/L) 0.019 0.005 10  0.05  10  	CL chronic 7.0  8* 126 ( 0.0 Chronic Chronic 0.011  0.025* ( WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 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(#) 150 TVS 1000 TVS

COSPLA04	Classifications	Physical and B	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	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	
-	te) = See $38.5(3)$ for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> -	<del>0.05<u></u> -</del>	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	varies*	varies*
					Zinc	TVS	TVS

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

COSPLS01COSPLS	601A Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>21</mark>	Temperature °C	WS- <u>#I</u>	WS- <mark>III</mark>	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		
Nater + Fish Stand	ards	chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Femporary Modifica	tion(s):	Inorgan	nic (mg/L)		Chromium III		TVS
Arsenic(chronic) = h	ybrid		acute	chronic	Chromium III(T)	50	
Expiration Date of 12	2/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
I Iranium(acute) – S	ee 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
	See 38.5(3) for details.	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Uranium Zinc	<u>varies*</u> TVS	<u>varies*</u> TVS
1		Aorgan/Washington County line to the		a border.		TVS	
COSPLS01B Class	sifications	Norgan/Washington County line to the Physical and	Biological			TVS	TVS
COSPLS01BClassDesignationAgric	sifications ulture	Physical and	<u>Biological</u> DM	MWAT	Zinc	TVS Metals (ug/L) acute	
COSPLS01B         Class           Designation         Agrica           Reviewable         Aq Life	sifications ulture fe Warm 2		<u>Biological</u> DM <u>WS-II</u>	<u>mwat</u> <u>WS-II</u>	Zinc Arsenic	TVS	TVS chronic
COSPLS01B         Class           Designation         Agricu           Reviewable         Ag Lit           Recrease         Recrease	sifications ulture fe Warm 2 eation E	Physical and	Biological DM WS-II acute	<u>MWAT</u> <u>WS-II</u> <u>chronic</u>	Zinc Arsenic Arsenic(T)	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u> 	TVS <u>chronic</u>  0.02
COSPLS01B Class Designation Agricu Reviewable Aq Liit Recre Wate	sifications ulture fe Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	<u>mwat</u> <u>WS-II</u>	Zinc Arsenic Arsenic(T) Cadmium	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u>  <u>TVS</u>	TVS chronic
COSPLS01B Class Designation Aqricu Reviewable Aq Lift Recree Wate Qualifiers:	sifications ulture fe Warm 2 eation E r Supply	Physical and       Temperature °C       D.O. (mg/L)       pH	Biological DM WS-II acute	<u>MWAT</u> <u>WS-II</u> <u>chronic</u>	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T)	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u> 	TVS <u>chronic</u>  0.02 <u>TVS</u> 
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recree         Wate           Qualifiers:         Vater + Fish Stand	sifications ulture fe Warm 2 eation E r Supply	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)	Biological <u>DM</u> <u>WS-II</u> <u>acute</u> <u></u> <u>6.5 - 9.0</u> <u></u>	<u>MWAT</u> <u>WS-II</u> <u>chronic</u> <u>5.0</u> 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u> <u></u> <u>TVS</u> <u>5.0</u> <u></u>	TVS <u>chronic</u>  0.02 <u>TVS</u> 
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recree         Wate           Qualifiers:         Vater + Fish Stand	sifications ulture fe Warm 2 eation E r Supply	Physical and       Temperature °C       D.O. (mg/L)       pH	Biological DM WS-II acute  6.5 - 9.0	<u>MWAT</u> <u>WS-II</u> <u>chronic</u> <u>5.0</u> 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u>  <u>TVS</u> <u>5.0</u>  <u>50</u>	TVS <u>chronic</u>  0.02 TVS  TVS  
COSPLS01B     Class       Designation     Agrici       Reviewable     Aq Lit       Recreation     Nate       Qualifiers:     Vate       Vater + Fish Stand       Other:	sifications ulture fe Warm 2 pation E r Supply ards	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological <u>DM</u> <u>WS-II</u> <u>acute</u> <u></u> <u>6.5 - 9.0</u> <u></u>	<u>MWAT</u> <u>WS-II</u> <u>chronic</u> <u>5.0</u> 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u> <u></u> <u>TVS</u> <u>5.0</u> <u></u>	TVS <u>chronic</u>  0.02 <u>TVS</u>  <u>TVS</u> 
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Agric:           Wate         Wate           Qualifiers:         Vater + Fish Stand           Dther:         Temporary Modifica           Varenic(chronic) = https://doi.org/10.00000000000000000000000000000000000	sifications ulture fe Warm 2 eation E r Supply ards tion(s): ybrid	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological <u>DM</u> <u>WS-II</u> <u>acute</u> <u></u> <u>6.5 - 9.0</u> <u></u>	<u>MWAT</u> <u>WS-II</u> <u>chronic</u> <u>5.0</u> 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS <u>Metals (ug/L)</u> <u>acute</u> <u>340</u>  <u>TVS</u> <u>5.0</u>  <u>50</u>	TVS <u>chronic</u>  0.02 TVS  TVS  TVS TVS TVS TVS
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Agric:           Wate         Wate           Qualifiers:         Vater + Fish Stand           Dther:         Temporary Modifica           Arsenic(chronic) = http://www.componenticleation         Agric:	sifications ulture fe Warm 2 eation E r Supply ards tion(s): ybrid	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological <u>DM</u> <u>WS-II</u> <u>acute</u> <u>c.5 - 9.0</u> <u></u> <u></u> <u>ic (mg/L)</u>	MWAT WS-II chronic 5.0 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340  TVS 5.0  50 TVS TVS TVS TVS TVS	TVS <u>chronic</u> 
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Recreation         Wate           Qualifiers:         Nater + Fish Stand           Other:         Femporary Modifica           Arsenic(chronic) = hy         Expiration Date of 12	sifications ulture fe Warm 2 eation E r Supply ards tion(s): ybrid	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	Biological <u>DM</u> <u>WS-II</u> <u>acute</u> <u>6.5 - 9.0</u> <u></u> <u></u> <u>ic (mg/L)</u>	MWAT WS-II chronic 5.0 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS  Metals (ug/L)  acute acut	TVS <u>chronic</u>  0.02 TVS  TVS TVS TVS TVS WS 1000
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Other:         Important Modificator           Temporary         Modificator           Arsenic(chronic) = hy         Hypiration           Expiration         Date of 12           Uranium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM WS-II acute  6.5 - 9.0  () () () acute TVS	MWAT WS-II chronic 5.0 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS       Metals (ug/L)       acute       340          340          5.0          5.0          50       TVS       50       TVS       SUS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS <u>chronic</u>  0.02 TVS  TVS TVS TVS TVS WS 1000
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Other:         Important Modificator           Temporary         Modificator           Arsenic(chronic) = hy         Hypiration           Expiration         Date of 12           Uranium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	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  () () bic (mg/L) acute TVS                                                                                                          	MWAT           WS-II           chronic           5.0	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS  Metals (ug/L)  acute 340 340 340 50 50 TVS TVS TVS TVS 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	TVS <u>chronic</u>  0.02 TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS                                                                                                              
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Qualifiers:         France           Temporary         Modification           Arsenic(chronic) = hy         Expiration           Cuanium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	Biological DM WS-II acute 	MWAT           WS-II           chronic           5.0	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS       Metals (ug/L)       acute       340          340          5.0          5.0          50       TVS       50       TVS       SUS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS <u>chronic</u> 
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Qualifiers:         France           Temporary         Modification           Arsenic(chronic) = hy         Expiration           Cuanium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	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  () () bic (mg/L) acute TVS                                                                                                          	MWAT WS-II chronic 5.0 	Zinc  Arsenic  Arsenic(T)  Cadmium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper Iron Iron(T) Lead Lead(T)  Manganese Mercury(T)	TVS  Metals (ug/L)  acute 340 340 340 50 50 TVS TVS TVS TVS 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	TVS <u>chronic</u>  0.02 TVS  TVS  TVS  TVS  TVS    TVS                           
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit </td <td>sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.</td> <td>Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide</td> <td>Biological DM WS-II acute                                                                                                                              </td> <td>MWAT WS-II chronic 5.0 </td> <td>Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc</td> <td>TVS       Metals (ug/L)       acute       340          340          50       TVS       50       TVS       S0       TVS       50       TVS       S0       TVS       TVS       TVS       TVS</td> <td>TVS <u>chronic</u>    TVS  TVS     TVS                                                                                                                                                                                                                                                                                                                      </td>	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM WS-II acute                                                                                                                              	MWAT WS-II chronic 5.0 	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS       Metals (ug/L)       acute       340          340          50       TVS       50       TVS       S0       TVS       50       TVS       S0       TVS       TVS       TVS       TVS	TVS <u>chronic</u>    TVS  TVS     TVS                                                                                                                                                                                                                                                                                                                      
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Qualifiers:         France           Temporary         Modification           Arsenic(chronic) = hy         Expiration           Augustion         Date of 12           Uranium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM WS-II acute 6.5 - 9.0 	MWAT           WS-II           chronic           5.0	Zinc  Arsenic  Arsenic(T)  Cadmium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper Iron Iron(T) Lead Lead(T)  Manganese Mercury(T)	TVS           Metals (ug/L)           acute           340              340              50           TVS           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           TVS           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS	TVS <u>chronic</u>    TVS  TVS     TVS                                                                                                                                                                                                                                                                                                                      
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Qualifiers:         France           Temporary         Modification           Arsenic(chronic) = hy         Expiration           Augustion         Date of 12           Uranium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         shlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM WS-II acute 6.5 - 9.0  ()                                                                                                                                             	MWAT           WS-II           chronic           5.0	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS       Metals (ug/L)       acute       340          340          50       TVS       50       TVS       S0       TVS       50       TVS       S0       TVS       TVS       TVS       TVS	TVS <u>chronic</u>  0.02 TVS  TVS  TVS WS 1000 TVS  TVS WS 0.01 150 TVS
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Reviewable         Mater + Fish Stand           Dther:         Femporary Modifica           Arsenic(chronic) = h;         Expiration Date of 12           Uranium(acute) = S         Standard Sta	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WS-II acute 6.5 - 9.0  (c (mg/L) acute CVS       	MWAT           WS-II           chronic           5.0	Zinc  Arsenic  Arsenic(T)  Cadmium  Cadmium(T)  Chromium III  Chromium III  Chromium VI  Copper Iron Iron(T) Lead Lead(T)  Manganese Mercury(T)  Nickel	TVS       Metals (ug/L)       acute       340	TVS <u>chronic</u>  0.02 <u>TVS</u>
COSPLS01B         Class           Designation         Agric:           Reviewable         Aq Lit           Reviewable         Mater + Fish Stand           Dther:         Femporary Modifica           Arsenic(chronic) = h;         Expiration Date of 12           Uranium(acute) = S         Standard Sta	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         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         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute 6.5 - 9.0  (c (mg/L) acute acute                                                                                                                      	MWAT           WS-II           chronic           5.0	Zinc  Arsenic  Arsenic(T)  Cadmium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper  Iron Iron(T)  Lead Lead(T)  Manganese Mercury(T)  Molybdenum(T)  Nickel Nickel(T)	TVS           Metals (ug/L)           acute           340              340              TVS           5.0           TVS           5.0           TVS           5.0           TVS           5.0           TVS           5.0           TVS           5.0           TVS	TVS chronic 
COSPLSO1B         Class           Designation         Agric:           Reviewable         Aq Lit           Recreation         Aq Lit           Qualifiers:         Wate           Qualifiers:         France           Temporary         Modification           Arsenic(chronic) = hy         Expiration           Augustion         Date of 12           Uranium(acute) = S         State	sifications ulture fe Warm 2 sation E r Supply ards tion(s): ybrid 2/31/2024 ee 38.5(3) for details.	Physical and         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         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute 6.5 - 9.0  (c (mg/L) acute acute                                                                                                                      	MWAT           WS-II           chronic           5.0	Zinc  Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS         Metals (ug/L)         acute         340            340            50         50         TVS         50         TVS         50         TVS         50         TVS         S0         TVS	TVS chronic 0.02 TVS  TVS  TVS    TVS                                                                                                                                                                                                                                                                                                                                        

D.O. = dissolved oxygen

DM = daily maximum

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

tr = trout

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

2a2. All tributaries to the South Platte River, including all wetlands, from the Weld/Morgan County line to the Colorado/Nebraska border, except for the specific listings in Segment 2b.											
COSPLS02ACOSPLS02 Classifications		Physical and Biological			Metals (ug/L)						
Designation	Agriculture		DM	MWAT		acute	chronic				
UP	Aq Life Warm <u>21</u>	Temperature °C	WS-II	WS-II	Aluminum						
	Recreation PE		acute	chronic	Arsenic	340					
Qualifiana	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A				
Qualifiers:		рН	6.5 - 9.0		BerylliumCadmium	<u>TVS</u>	<u>TVS</u>				
Other:		chlorophyll a (mg/m ² )		150*	Beryllium(T)		4.0				
Temporary Modification(s):		E. Coli (per 100 mL)		<del>205<u>126</u></del>	Cadmium(T)	5.0	<del>10<u></u></del>				
<u>Arsenic(chronic) = hybrid</u> Expiration Date of 12/31/2024		Inorganic	(mg/L)		Chromium III		<u>TVS</u>				
			acute	chronic	Chromium III(T)	50	<del>100<u></u></del>				
	)(chronic) = applies only above	Ammonia	<u>TVS</u> -	<u>TVS</u> -	Chromium VI <del>(T)</del>	<del>50<u>TVS</u></del>	<u> 100TVS</u>				
the facilities listed at 38.5(4) *Phosphorus(chronic) = app facilities listed at 38.5(4).		Boron		0.75	Copper	<u>TVS</u>	<u>TVS</u>				
		Chloride		250	Copper(T)		<del>200</del>				
*Uranium(acute) = See 38.5(3) for details.		Chlorine	<u>0.019</u> ⁻	<u>0.011</u> -	Iron		WS				
*Uranium(chronic) = S	See 38.5(3) for details.	Cyanide	0. <del>2</del> 005		lron(T)	==	<u>1000</u>				
		Nitrate	10		Lead	<u>TVS</u>	<u>TVS</u>				
		Nitrite	<u>0.5</u> -	<del>1.0<u></u> -</del>	Lead(T)	50	<del>100<u></u></del>				
		Phosphorus		0.17*	Manganese	<u>TVS</u>	TVS/WS				
		Sulfate		WS	Mercury(T)		<u>0.01</u>				
		Sulfide		0. <del>05<u>002</u></del>	Molybdenum(T)		150				
					Nickel	<u>TVS</u>	<u>TVS</u>				
					Nickel(T)		100				
					Selenium	<u>TVS</u>	<u>TVS</u>				
					Selenium(T)		<del>20</del>				
					Silver	<u>TVS</u>	<u>TVS</u>				
					Silver(T)	<del>100</del>					
					Uranium	<u>varies*</u>	varies*				
					Zinc	TVS	TVS				
					Zinc(T)		2000				

2b. All tributaries to the South Platte River, including all wetlands, north of the South Platte River and below 4,500 feet in elevation in Morgan County, north of the South Platte River in Washington County, north of the South Platte River in South Platte River in South Platte River in Logan County, north of the South Platte River and below 3,700 feet in elevation in Sedgwick County, and the mainstems of Beaver Creek, Bijou Creek and Kiowa Creek from their sources to the confluence with the South Platte River, except for the portion of Beaver Creek from its source to the Fort Morgan Canal.

COSPLS02B	<b>Classifications</b>	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		Ð₩	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	₩S-II	WS-II	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	<del>3</del> 40	
Qualifiers:		<del>D.O. (mg/L)</del>	-	<del>5.0</del>	Arsenic(T)		<del>100</del>
Other: *chlorophyll a (mg/m ² )(chronic) = applies only above the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the		<del>рН</del>	<del>6.5 - 9.0</del>		Beryllium		
		<del>chlorophyll a (mg/m²)</del>		<del>150*</del>	Cadmium	TVS	TVS
		<del>E. Coli (per 100 mL)</del>	-	<del>126</del>	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)		<del>100</del>
facilities listed	<del>-at 38.5(4).</del>		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	<del>TVS</del>	TVS
		Boron		<del>0.75</del>	<del>lron(T)</del>		<del>1000</del>
		Chloride			Lead	TVS	TVS
		Chlorine	<del>0.019</del>	<del>0.011</del>	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		<del>0.01(t)</del>
		Nitrate	<del>100</del>		Molybdenum(T)		<del>150</del>
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		<del>0.17*</del>	Selenium	TVS	TVS
		Sulfate	<u> </u>		<del>Silver</del>	TVS	TVS
		Sulfide		<del>0.002</del>	<del>Uranium</del>		
All m	netals are dissolved unless otherwis	e noted. D.O. = dissolved	oxygen		Zinc	TVS	TVS

Divi = daily maximum

T = total recoverable t = total

MWAT = maximum weekly average temperature

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

3. Jackson Re	eservoir, Prewitt Reservoir, North Sterl	ing Reservoir, Jumbo (	Julesburg), <del>Ri</del>	verside Rese	<del>rvoir,</del> Empire R	eservoir, <mark>and</mark> Vancil Res	servoir.	
COSPLS03	Classifications	Phys	sical and Bio	logical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	4/1 - 12/31	WLvaries*	26.1 varies*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	₩L*	<del>27*</del>	Arsenic	340	
	Water Supply	Temperature °C	4/ <del>1 - 12/31</del>	₩L*	<del>28.1*</del>	Arsenic(T)		0.02
Qualifiers:		Temperature °C		WL	₩L	Beryllium		
Other:						Cadmium	TVS	TVS
	,			acute	chronic	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	D.O. (mg/L)			5.0	Chromium III		TVS
	s larger than 25 acres surface area. chronic) = applies only above the	рН		6.5 - 9.	0	Chromium III(T)	50	
facilities listed	at 38.5(4), applies only to lakes and	chlorophyll a (ug/L)			20*	Chromium VI	TVS	TVS
	per than 25 acres surface area. (4/1 - 12/31) = North Sterling Res.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
*Temperature(4/1 - 12/31) = North Sterling Res. (MWAT=26.1)*Uranium(acute) = See 38.5(3) for		Inorganic (mg/L)				Iron		WS
details. *Temperature	(4/1 - 12/31) = Jumbo Reservoir			acute	chronic	Iron(T)		1000
	<u> Jranium(chronic) = See 38.5(3) for</u>	Ammonia		TVS	TVS	Lead	TVS	TVS
*Temperature	<u>= See 38.6(4/1 - 12/31) = Jackson</u>	Boron			0.75	Lead(T)	50	
Reservoir (MV standards.	VAT=28.1)) for temperature	Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury(T)		0.01 <del>(t)</del>
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.5</u> ⁻	<del>0.5</del>	Nickel(T)		100
		Phosphorus			0.083*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS
		Sulfide			0.002	Uranium	-varies*	varies*
						Zinc	TVS	TVS

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

COSPLS04	Classifications	Physical and	d Biological		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum			
	Recreation PE		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A	
Qualifiers:		рН	6.5 - 9.0		BerylliumCadmium	<u>TVS</u>	<u>TVS</u>	
Nater + Fish	Standards	chlorophyll a (ug/L)		20*	Beryllium(T)		4.0	
Other:		E. Coli (per 100 mL)		<del>205<u>126</u></del>	Cadmium(T)	5.0	<del>10<u></u></del>	
ablaranhull a	(ug/l)(chronic) condice only chou	Inorga	nic (mg/L)		Chromium III		<u>TVS</u>	
he facilities li	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lake	3	acute	chronic	Chromium III(T)	50	<del>100<u></u></del>	
	s larger than 25 acres surface area. chronic) = applies only above the	Ammonia	<u>TVS</u> ⁻	<u>TVS</u> -	Chromium VI <del>(T)</del>	50 <u>TVS</u>	100 <u>TVS</u>	
acilities listed	at 38.5(4), applies only to lakes an	d Boron		0.75	Copper	<u>TVS</u>	<u>TVS</u>	
eservoirs larger than 25 acres surface area. Uranium(acute) = See 38.5(3) for details.		Chloride		250	Copper(T)		<del>200</del>	
	$\frac{1}{2} = \frac{1}{2} = \frac{1}$	Chlorine	<u>0.019</u> ⁻	- <u>0.011</u> ⁻	Iron		WS	
oramaniçoni		Cyanide	0. <del>2</del> 005		Iron(T)		1000	
		Nitrate	10		<u>Lead</u>	<u>TVS</u>	<u>TVS</u>	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Lead(T)	50	<del>100<u></u></del>	
		Phosphorus		0.083*	Manganese	TVS	TVS/WS	
		Sulfate		WS	Mercury(T)		0.01 <del>(t)</del>	
		Sulfide		0.002	Molybdenum(T)		150	
					Nickel	<u>TVS</u>	<u>TVS</u>	
					Nickel(T)		100	
					Selenium	<u>TVS</u>	<u>TVS</u>	
					Selenium(T)		<del>20</del>	
					Silver	<u>TVS</u>	<u>TVS</u>	
					<del>Silver(T)</del>	<del>100</del>		
					Uranium	varies*	<u>varies*</u>	
					Zinc	<u>TVS</u>	<u>TVS</u>	
					Zinc(T)		<del>2000</del>	

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

OSPLS05	<b>Classifications</b>	Physical and Biological			A	Metals (ug/L)			
Designation	Agriculture		ÐM	MWAT		acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	₩L	₩L	Aluminum	-			
	Recreation E		acute	chronic	Arsenic	340			
	Water Supply	D.O. (mg/L)		<del>5.0</del>	Arsenic(T)	_	<del>0.02-10</del> 4		
ualifiers:		<del>рН</del>	<del>6.5 - 9.0</del>	[_]	Beryllium	-			
ther:		chlorophyll a (ug/L)		<del>20*</del>	Cadmium	TVS	TVS		
	/ ////	<del>E. Coli (per 100 mL)</del>		<del>126</del>	Cadmium(T)	5.0			
cnioropnyii a he facilities li:	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Inorgar	<del>nic (mg/L)</del>		Chromium III	_	TVS		
ind reservoirs	s larger than 25 acres surface area.		acute	chronic	Chromium III(T)	<del>50</del>			
*Phosphorus(chronic) = applies only above the facilities listed at 38.5(4), applies only to lakes and reservoirs larger than 25 acres surface area.		Ammonia	TVS	TVS	Chromium VI	TVS	TVS		
		Boron	[_]	<del>0.75</del>	Copper	TVS	TVS		
		Chloride	[_]	<del>250</del>	Iron	-	₩S		
		Chlorine	<del>0.019</del>	<del>0.011</del>	<del>lron(T)</del>	-	<del>1000</del>		
		Cyanide	0.005	⁻	Lead	TVS	TVS		
		Nitrate	<del>10</del>		Lead(T)	<del>50</del>			
		Nitrite	[_]	<del>0.5</del>	Manganese	TVS	TVS/WS		
		Phosphorus	[_]	<del>0.083*</del>	Mercury	-	<del>0.01(t)</del>		
		Sulfate	⁻	₩S	Molybdenum(T)		<del>150</del>		
		Sulfide	[_]	0.002	Nickel	TVS	TVS		
					Nickel(T)	—	<del>100</del>		
					Selenium	TVS	TVS		
					Silver	TVS	TVS		
					Uranium	_			
					Zinc	TVS	TVS		

1. Mainstem o	f the South Fork of the Republicar	River from a point 23 miles above the	ne Colorado- <u>/</u> Kans	as border (39	9.582154 <del>°,_</del> -102.350838 <del>°)</del>	to the Colorado- <u>/</u> Kan	sas border.
COSPRE01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium	-	
Other:		chlorophyll a (mg/m ² )			Cadmium	TVS	TVS
Temporarv M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron		Inorgan	ic (mg/L)		Chromium III		TVS
Expiration Dat	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
<u>'Uranium(acu</u>	te) = See 38.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5</del> -	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
2. Deleted.					<b>L</b>		
COSPRE02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			

I

confluence wit	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
leviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	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
	lodification(s):	chlorophyll a (mg/m ² )		150*	Cadmium(T)	5.0	
vrsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
·	te of 12/31/2024				Chromium III(T)	50	
		Inorgani	c (ma/L)		Chromium VI	TVS	TVS
	(mg/m ² )(chronic) = applies only above sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus( acilities listed	chronic) = applies only above the $at 385(4)$	Ammonia	TVS	TVS	Iron		WS
	$\frac{1}{1000} = \frac{1}{1000} \frac{1}{10$	Boron		0.75	Iron(T)		1000
	onic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 <del>(t)</del>
		Nitrite	<u>0.05</u> ⁻	<del>0.05</del> -	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	varies*	varies*
					Zinc	TVS	TVS
4. Mainstem o	of the Arikaree River from the confluence	ce of the North and South Forks to	o the Colorado/Ka	nsas border.			-
COSPRE04	Classifications	e of the North and South Forks to Physical and E	Biological			Metals (ug/L)	
COSPRE04 Designation	Classifications Agriculture		Biological DM	nsas border. MWAT		Metals (ug/L) acute	chronic
A. Mainstem of COSPRE04 Designation Reviewable	Classifications Agriculture Aq Life Warm 1		Biological DM WS-I	MWAT WS-I	Aluminum	,	
COSPRE04 Designation	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and E	Biological DM	MWAT		,	
COSPRE04 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and E Temperature °C D.O. (mg/L)	Biological DM WS-I acute 	MWAT WS-I	Aluminum	acute	chronic
COSPRE04 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and E	Biological DM WS-I acute	MWAT WS-I chronic	Aluminum Arsenic	acute 	chronic 
COSPRE04 Designation	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-I acute 	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T)	acute 	chronic 
COSPRE04 Designation Reviewable Qualifiers: Dther:	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u>	Physical and E Temperature °C D.O. (mg/L) pH	Biological DM WS-I acute  6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340  TVS <u>5.0</u>	  7.6 <u>0.02</u>  TVS 
COSPRE04 Designation Reviewable Qualifiers: Dther:	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-I acute  6.5 - 9.0 	MWAT WS-I chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340   TVS	chronic  7.60.02  TVS  TVS
COSPRE04 Designation Reviewable Rualifiers: Pther: Cemporary M rsenic(chron	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM WS-I acute  6.5 - 9.0 	MWAT WS-I chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS <u>5.0</u> TVS 50	chronic  7.60.02  TVS  TVS 400
COSPRE04 Designation Leviewable Rualifiers: Other: Cemporary M Insenic(chron Expiration Date	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL)	Biological DM WS-I acute  6.5 - 9.0   c (mg/L)	MWAT WS-I chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS <u>5.0</u> TVS	chronic  7.60.02  TVS  TVS
COSPRE04 Designation Reviewable Rualifiers: Other: Comporary M rsenic(chron Expiration Date Uranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E <u>lodification(s):</u> ic) = hybrid te of 12/31/2024	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgania	Biological DM WS-1 acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-I chronic 5.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS <u>5.0</u> TVS 50	Chronic  7.60.02  TVS  TVS 400 TVS TVS TVS
COSPRE04 Designation Reviewable Rualifiers: Other: Comporary M rsenic(chron Expiration Date Uranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT WS-I chronic 5.0  150 126 thronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS	chronic  7.60.02  TVS  TVS 100 TVS
COSPRE04 Designation Reviewable Rualifiers: Other: Comporary M rsenic(chron Expiration Date Uranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorganic Ammonia Boron	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) C (mg/L)  TVS 	MWAT WS-I 5.0 150 126 126 Chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS	chronic  7.60.02  TVS  TVS 100 TVS TVS TVS TVS S
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  TVS	MWAT WS-I chronic 5.0 150 126 126 Chronic TVS 0.75 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS	chronic  7.6 <u>0.02</u>  TVS  TVS 100 TVS TVS
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) TVS   0.019	MWAT           WS-I           chronic           5.0           150           126           Chronic           TVS           0.75           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS <u>5.0</u> TVS <u>50</u> TVS TVS TVS 	chronic  7.60.02  TVS  TVS 100 TVS TVS TVS VVS VVS 1000
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganie Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-1 acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT WS-I 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(T) Chromium VI Copper Iron Iron(T) Lead	acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	chronic  7.60.02  TVS  TVS 100 TVS TVS S WS 1000 TVS  TVS
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 400 <u>10</u>	MWAT           WS-I           chronic           5.0           150           126           Chronic           0.75           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 acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS TVS TVS 50	chronic  7.60.02  TVS  TVS 100 TVS TVS S WS 1000 TVS
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m ² ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005 400 <u>10</u>  0.5 ⁻	MWAT           WS-I           chronic           5.0           150           126           VS           0.75           0.75           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS TVS <u>50</u> TVS <u>50</u> TVS	chronic  7.60.02  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-I acute 6.5 - 9.0  c (mg/L) c (mg/L) x c (mg/L) x 0.019 0.005 10010 0.5 [−] 	MWAT           WS-I           chronic           5.0           150           126           0.75           0.75           0.011          250           0.011          250           0.011          250           0.011          250           0.011          250           0.011          250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute acute ac	chronic  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(#)
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  c (mg/L) 0.019 0.005 10010  0.019 0.005 10010  	MWAT           WS-I           chronic           5.0           150           126           Chronic           0.01          250           0.011          250           0.011          250           0.011          250           0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron(T)         Lead(T)         Manganese         Mercury(T)         Molybdenum(T)	acute acute 340  TVS 5.0 TVS 5.0 TVS 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	chronic  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(#) 150
OSPRE04 esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat Jranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  c (mg/L) 0.019 0.005 10010  0.019 0.005 10010  	MWAT           WS-I           chronic           5.0           150           126           Chronic           0.01          250           0.011          250           0.011          250           0.011          250           0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury(T)         Nickel	acute acute 340  TVS <u>5.0</u> TVS <u>5.0</u> TVS TVS TVS <u>50</u> TVS TVS 50 TVS 50 TVS	chronic  7.60.02  TVS  TVS 100 TVS WS 1000 TVS  TVS <u>WS</u> 0.01( <del>()</del> 150 TVS 100
OSPRE04 resignation reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewable reviewab	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  c (mg/L) 0.019 0.005 10010  0.019 0.005 10010  	MWAT           WS-I           chronic           5.0           150           126           Chronic           0.01          250           0.011          250           0.011          250           0.011          250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute acute 340  TVS 5.0 TVS 5.0 TVS  TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	chronic  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01( <del>+)</del> 150 TVS
COSPRE04 Designation Reviewable Rualifiers: Other: Comporary M rsenic(chron Expiration Date Uranium(acu	Classifications Agriculture Aq Life Warm 1 <u>Water Supply</u> Recreation E lodification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute  6.5 - 9.0  c (mg/L) acute TVS  c (mg/L) 0.019 0.005 10010  0.019 0.005 10010  	MWAT           WS-I           chronic           5.0           150           126           Chronic           0.01          250           0.011          250           0.011          250           0.011          250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340  TVS 5.0 TVS 5.0 TVS  S0 TVS TVS 50 TVS 50 TVS 50 TVS  TVS	chronic  7.60.02  TVS  TVS 100 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(#) 150 TVS 1000 TVS

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

5. Mainstem o	of Black Wolf Creek from the source	to the confluence with the Arikaree	River.				
COSPRE05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150	Cadmium	TVS	TVS
*Uranium(acu	te) = See 38.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*Uranium(chro	onic) = See 38.5(3) for details.	Inorgani	c (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite	<u>0.5</u> ⁻	<del>0.5<u></u> -</del>	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	<u>varies*</u>
					Zinc	TVS	TVS

COSPRE06	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm <mark>21</mark>	Temperature °C	WS-I	WS-I	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation P	D.O. (mg/L)		5.0	Arsenic(T)		<del>100<u>0.02</u></del>
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m ² )		150*	Beryllium(T)		100
emporary M	odification(s):	E. Coli (per 100 mL)		205	Cadmium	<u>TVS</u>	<u>TVS</u>
rsenic(chron	<u>ic) = hybrid</u>	Inorganic (	mg/L)		Cadmium(T)	<u>5.0</u>	<del>10<u></u></del>
Expiration Dat	te of 12/31/2024		acute	chronic	Chromium III		<u>TVS</u>
chlorophvll a	(mg/m ² )(chronic) = applies only above	Ammonia	<u>TVS</u> -	<u>TVS</u> -	Chromium III(T)	<u>50</u>	<del>100</del>
he facilities lis	sted at 38.5(4).	Boron		0.75	Chromium VI	<u>TVS</u>	<u>TVS</u>
Phosphorus( acilities listed	chronic) = applies only above the at 38.5(4).	Chloride		<u>250</u> ⁻	Chromium VI(T)		<del>100</del>
<u>Uranium(acu</u>	te) = See 38.5(3) for details.	Chlorine	<u>0.019</u> ⁻	- <u>0.011</u> ⁻	Copper	<u>TVS</u>	<u>TVS</u>
Uranium(chro	onic) = See 38.5(3) for details.	Cyanide	0. <u>2005</u>		Copper(T)		<del>200</del>
		Nitrate	<del>100<u>10</u></del>		Iron		<u>WS</u>
		Nitrite	<u>0.5</u> ⁻	<del>10<u></u> -</del>	Iron(T)		<u>1000</u>
		Phosphorus		0.17*	Lead	<u>TVS</u>	<u>TVS</u>
		Sulfate		<u>WS</u> -	Lead(T)	<u>50</u>	<del>100<u></u></del>
		Sulfide		- <u>0.002</u> ⁻	Manganese	<u>TVS</u>	<u>TVS/WS</u>
					Mercury(T)		<u>0.01</u>
					Molybdenum(T)		150
					Nickel	<u>TVS</u>	<u>TVS</u>
					Nickel(T)		<del>200<u>100</u></del>
					Selenium	<u>TVS</u>	<u>TVS</u>
					Selenium(T)		<del>20</del>
					Silver	<u>TVS</u>	<u>TVS</u>
					Uranium	<u>varies*</u>	varies*
					Zinc	<u>TVS</u>	<u>TVS</u>
					Zinc(T)		<del>2000</del>

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7. Mainstem c		er and mainstem of the Smoky Hill Rive		all tributaries	and wetlands, from the sou	rce to the Colorado/K	ansas border.
COSPRE07	Classifications	Physical and Biolo	gical		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	<u> </u>	
	Recreation NP		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
*chlorophvll a	(mg/m ² )(chronic) = applies only above	chlorophyll a (mg/m ² )		<u>150*</u> -	Beryllium(T)		100
the facilities lis	sted at 38.5(4).	E. Coli (per 100 mL)		<del>630<u>205</u></del>	Cadmium	<u>TVS</u>	<u>TVS</u>
facilities listed	chronic) = applies only above the at $38.5(4)$ .	Inorganic (mg	g/L)		Cadmium(T)	-	<del>10</del>
<u>*Uranium(acu</u>	te) = See 38.5(3) for details.		acute	chronic	Chromium III	<u>TVS</u>	<u>TVS</u>
*Uranium(chro	onic) = See 38.5(3) for details.	Ammonia	<u>TVS</u> -	<u>TVS</u> -	Chromium III(T)		100
		Boron		0.75	Chromium VI	<u>TVS</u>	<u>TVS</u>
		Chloride			Chromium VI(T)		<del>100</del>
		Chlorine	<u>0.019</u> ⁻	- <u>0.011</u> ⁻	Copper	<u>TVS</u>	<u>TVS</u>
		Cyanide	0. <del>2<u>005</u></del>		CopperIron(T)		<del>200<u>1000</u></del>
		Nitrate	100		Iron		
		Nitrite	<u>0.5</u> ⁻	<del>40<u></u> -</del>	Lead	<u>TVS</u>	<u>TVS</u>
		Phosphorus		0.17*	<del>Lead(T)</del>	-	<del>100</del>
		Sulfate			Manganese	<u>TVS</u>	<u>TVS</u>
		Sulfide		<u>-0.002</u> -	Mercury <u>(T)</u>		<u>0.01</u>
					Molybdenum(T)		150
					Nickel	<u>TVS</u>	<u>TVS</u>
					Nickel(T)	-	<del>200</del>
					Selenium	<u>TVS</u>	<u>TVS</u>
					Selenium(T)		<del>20</del>
					Silver	<u>TVS</u>	<u>TVS</u>
					Uranium	-varies*	varies*
					Zinc	<u>TVS</u>	<u>TVS</u>
					Zinc(T)	<u> </u>	2000

	d reservoirs tributary to the Republicar			cept for spec			
COSPRE08	Classifications	Physical and Biolo	•		M	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm <mark>2<u>1</u></mark>	Temperature °C	WL	WL	Aluminum		
			acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 <mark>-10</mark> A
Qualifiers:		рН	6.5 - 9.0		BerylliumCadmium	<u>TVS</u>	<u>TVS</u>
Other:		chlorophyll a ( <u>ug/L</u> mg/m ² )		<u>20*</u>	Beryllium(T)		4.0
	(ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	<del>10<u></u></del>
*Phosphorus(	chronic) = applies only to lakes and	Inorganic (m	g/L)		Chromium III		TVS
-	<u>ger than 25 acres surface area.</u> te) = See 38.5(3) for details.		acute	chronic	Chromium III(T)	50	<del>100<u></u></del>
	re(t) = See 38.5(3) for details.	Ammonia	<u>TVS</u> -	<u>TVS</u> -	Chromium VI <del>(T)</del>	<del>50<u>TVS</u></del>	<u> 100TVS</u>
	<u>5/10/ details.</u>	Boron		0.75	Copper	<u>TVS</u>	<u>TVS</u>
		Chloride		250	Copper(T)		<del>200</del>
		Chlorine	<u>0.019</u> ⁻	- <u>0.011</u> -	Iron		WS
		Cyanide	0. <u>2005</u>		lron(T)		1000
		Nitrate	10		<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		Nitrite	<u>0.5</u> -	<del>0.5<u></u> -</del>	Lead(T)	50	<del>100<u></u></del>
		Phosphorus		<u>0.083*</u>	Manganese	TVS	TVS/WS
		Sulfate		WS	Mercury <u>(T)</u>		0.01 <del>(t)</del>
		Sulfide		0.002	Molybdenum(T)		150
					Nickel	<u>TVS</u>	<u>TVS</u>
					Nickel(T)		100
					Selenium	<u>TVS</u>	<u>TVS</u>
					Selenium(T)		<del>20</del>
					Silver	<u>TVS</u>	<u>TVS</u>
					Silver(T)	<del>100</del>	
					Uranium	<u>varies*</u>	varies*
					Zinc	<u>TVS</u>	<u>TVS</u>
					<del>Zinc(T)</del>		2000

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9. Bonny Res	ervoir, Stalker Lake.						
COSPRE09	Classifications	Physical and Biolog	<del>gical</del>		H	<del>etals (ug/L)</del>	
<b>Designation</b>	Agriculture		ÐM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	₩L	₩L	Aluminum		
	Recreation E		acute	<del>chronic</del>	Arsenic	<del>340</del>	
	Water Supply	<del>D.O. (mg/L)</del>		<del>5.0</del>	Arsenic(T)		<del>0.02</del>
Qualifiers:		<del>рН</del>	<del>6.5 - 9.0</del>		Beryllium		
Other:		<del>chlorophyll a (ug/L)</del>		<del>20*</del>	Cadmium	TVS	TVS
* • • • • •	/ //// · · · · · · · · · · · · · · · ·	<del>E. Coli (per 100 mL)</del>		<del>126</del>	Cadmium(T)	<del>5.0</del>	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (mg	<del>J/L)</del>		Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.		acute	chronic	Chromium III(T)	<del>50</del>	
ieservoirs larg	er than 20 acres surface area.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	Boron		<del>0.75</del>	<del>Copper</del>	TVS	TVS	
		Chloride		<del>250</del>	-		WS
		Chlorine	<del>0.019</del>	<del>0.011</del>	Iron(T)		<del>1000</del>
		<del>Cyanide</del>	0.005		Lead	TVS	TVS
		Nitrate	<del>10</del>		<del>Lead(T)</del>	<del>50</del>	
		Nitrite	"	0.05	Manganese	TVS	TVS/WS
		Phosphorus		<del>0.083*</del>	Mercury		<del>0.01(t)</del>
		Sulfate		₩S	Molybdenum(T)		<del>-150</del>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		-100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

#### Table 2

#### SITE SPECIFIC RADIONUCLIDE STANDARDS*

#### (in Picocuries/Liter, except as noted)

The radionuclides listed below shall be maintained at the lowest practical level and in no case shall they be increased by any cause attributable to municipal, industrial, or agricultural practices to exceed the site specific numeric standards.

A. Ambient ba	sed site-specific stan	<del>dards:</del>		
	Segment 2 Standley Lake	Segment 3 Great Western Reservoir	Segment 4a Segment 5 Woman Creek	Segment 4a Segment 4b Segment 5 Walnut Creek
Gross Alpha	6	5		
Gross Beta	9	<del>12</del>		
<del>Plutonium</del>	<del>.03</del>	<del>.03</del>	<del>0.15** ***</del>	<del>0.15** ***</del>
Americium	<del>.03</del>	<del>.03</del>	0.15** ***	<del>0.15** ***</del>
<del>Tritium</del>	<del>500</del>	<del>500</del>	<del>500</del>	<del>500</del>
Uranium	3	4	<del>16.8 µg/l</del>	<del>16.8 μg/l</del>
B. Other site-specif	ic standard applicable	e to segments 2,3,4a,	4b, and 5.	
Curium	<del>60</del>	<del>60</del>	<del>60</del>	<del>60</del>
Neptunium	<del>30</del>	<del>30</del>	<del>30</del>	<del>30</del>

*Statewide standards also apply for radionuclides not listed above. **0.15pCi/l Statewide Basic Standards.

***For plutonium and americium measurements in Segment 5 in Woman Creek and Segment 5 in Walnut Creek, attainment will be assessed based on the results of a 12-month flow-weighted rolling average concentration (computed monthly).

### STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS – FOOTNOTES

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

# City of Black Hawk and Black Hawk-Central City Sanitation District

**Regulation #38** 

#### EXHIBIT 2 CITY OF BLACK HAWK AND BLACK HAWK – CENTRAL CITY SANITATION DISTRICT

### DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

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

5 CCR 1002-38

# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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 extended the following temporary modification:

Clear Creek Segment 13b (COSPCL13b): temporary modification of the temperature standard (expires 12/31/2023). The commission extended this temporary modification from 12/31/2020 to 12/31/2023 to provide time for resolving remaining uncertainty regarding the extent to which instream temperature exceedances are reversible and the extent to which the Black Hawk-Central City Sanitation District (BHCCSD) can implement operational or facility changes to meet the underlying temperature standards in BHCCSD's effluent. This will also allow time for resolving uncertainty regarding what the appropriate standard is to protect the Aquatic Life use. BHCCSD continues to make progress to investigate temperature sources/source control, influent control measures, water management alternatives, potential treatment and treatment optimization options, and the expected effluent quantity and quality that could be achieved with each alternative.

Currently Segment 13b is not meeting the underlying temperature standards, both chronic and acute. There is still uncertainty regarding: 1) the appropriate underlying standard (as well as uncertainty as to what the ultimate aquatic life use will be post-CERCLA clean up) and; 2) the extent to which the existing quality is due to natural or irreversible human-induced conditions. There is also a predicted compliance problem at the BHCCSD wastewater treatment facility (WWTF).

BHCCSD will continue to study temperature source management and treatment at the BHCCSD WWTF to identify options that are technically and economically feasible, which will inform the degree to which instream temperature exceedances are reversible and the extent to which the underlying standards for temperature can be met, so that the correct regulatory pathway can be selected and the need for the Temporary Modification can be eliminated. BHCCSD will also investigate options to reduce temperature in the BHCCSD's effluent which may be implemented during the duration of the temporary modification that do not cause undo financial economic burden, and will further its investigations into options to maintain water quality at the best level

that is reasonably achievable. BHCCSD will provide an update to the commission regarding their progress and their plan to eliminate the temperature temporary modification by the end of 2023 at the Temporary Modifications hearings in 2021, 2022, and 2023.

APPENDIX 38-1 Stream Classifications and Water Quality Standards Tables

### COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### WATER QUALITY CONTROL COMMISSION

### 5 CCR 1002-38

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

Effective 12/31/2020

COSPCL13B	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
JP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100	
Other:		D.O. (spawning)		7.0	Beryllium			
emporarv M	odification(s):	рН	6.5 - 9.0		Cadmium	TVS	TVS	
emperature(D	M/MWAT) = current	chlorophyll a (mg/m2)		150*	Chromium III	TVS	TVS	
ondition	o of 12/31/20202023	E. Coli (per 100 mL)		126	Chromium III(T)		100	
Expiration Date of 12/31/20202023				Chromium VI	TVS	TVS		
chlorophyll a acilities listed	(mg/m2)(chronic) = applies only above the at 38 5(4)	Inorgan	ic (mg/L)		Copper		64	
Phosphorus(o	chronic) = applies only above the facilities		acute	chronic	lron(T)		5400	
sted at 38.5(4	4).	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		0.11*	Uranium			
		Sulfate			Zinc		740	
		Sulfide		0.002				

# Centennial Water & Sanitation District Regulation #38

### DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### Water Quality Control Commission

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

5 CCR 1002-38

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# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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**

#### X. Temporary Modifications

The commission extended temporary modifications on the following segments:

Upper South Platte Segment 16g (COSPUS16g), below Centennial WWTF: Temporary modification of the chronic and acute winter temperature standards.

The Commission extended the temporary modification of the chronic and acute temperature standards on Segment 16g during December, January, and February with an expiration date of December 31, 2025, and a narrative operative value of "current conditions." Centennial Water & Sanitation District presented information that shows instream non-attainment of temperature standards, and predicted compliance problems with the water quality based effluent limits (WQBELs) downstream of its discharge during the winter months. The Commission found that there remains significant uncertainty regarding the appropriate winter temperature standards for warm water streams.

The extension of the temporary modification is based on Centennial's demonstration that additional time is needed to resolve the uncertainty with the temperature standards and to determine the appropriate regulatory approach. The Commission reviewed the Plan to Resolve Uncertainty submitted by Centennial in this hearing, and determined that additional time is required to allow for plant expansion, data collection, temperature standards studies, and potential development of a discharger-specific variance. Centennial has committed to providing annual updates to the Division in June through the duration of the temporary modification, beginning in 2021.

05005166	Classifications	Physical and B	Biological		Metals (ug/L)		
esignation	Agriculture		DM	MWAT		acute	chronic
P	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
Temporary Modification(s):		chlorophyll a (mg/m2)			Cadmium	TVS	TVS
emperature(D		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
ondition*	e of 12/31/ <del>2020</del> 2025	Inorganic (mg/L)			Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
Copper(acute a FMB(ac)=6	) = Copper BLM-based FMB 7.1 ug/l	Ammonia	TVS	TVS	Copper		TVS*
elow the Cen	tennial WWTF.	Boron		0.75	Copper	TVS*	
u FMB(ch)=4	ic) = Copper BLM-based FMB 3.3 ug/l	Chloride			Iron(T)		1000
	tennial WWTF. te) = See section 38.6(4)(b) for	Chlorine	0.019	0.011	Lead	TVS	TVS
ssessment lo	cations.	Cyanide	0.005		Manganese	TVS	TVS
Selenium(chro ssessment lo	ponic) = See section $38.6(4)(b)$ for cations.	Nitrate	100		Mercury		0.01(t)
TempMod: ter	mperature(12/1 - 2/29) = downstream of	Nitrite		0.5	Molybdenum(T)		
entennial WV	VIF	Phosphorus			Nickel	TVS	TVS
		Sulfate			Selenium	21*	13*
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

MillerCoors

**Regulation #38** 

### DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### Water Quality Control Commission

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

5 CCR 1002-38

****

# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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**

#### X. Clear Creek Segment 15

The commission reviewed the antidegradation designation for Clear Creek 15 (COSPCL15). Based on the available water quality data and additional information on the record, the Commission determined that Clear Creek Segment 15 does not warrant the special protection provided by the antidegradation review process and therefore should have the Use Protected designation.

Segment 15 is classified as aquatic life warm class 1 with the "goal qualifier." The goal qualifier indicates that the water is presently not fully suitable for the aquatic life warm class 1 use but is intended to become fully suitable for the classified use. Available data show that the segment does not attain the chronic recreation standard for *E. coli*, the chronic aquatic life standards for ammonia and temperature, the chronic water+fish standard for total arsenic, and the chronic water supply standards for dissolved iron and dissolved manganese. In addition, the Commission found that the aquatic life use is impaired by organic sediment. Therefore, the Commission determined that Segment 15 should have the use protected designation pursuant to C.R.S. § 25-8-209(4) and Regulation 31, Sections 31.8(2)(b)(ii) and 31.8(2)(b)(iii)(B).

COSPCL15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ReviewableUP Aq Life Warm 1*		Temperature °C	WS-II	WS-II	Aluminum		
Recreation E Water Supply			acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m2)			Cadmium	TVS	TVS
Femporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	c) = hybrid	Inorganic (mg/L)			Chromium III		TVS
Expiration Date	e of 12/31/2024		acute	chronic	Chromium III(T)	50	
Clossification	: Aquatic life warm 1 goal qualifier.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	TVS x (times) the FWER (final water	Boron		0.75	Copper	TVS	TVS
effect ratio).		Chloride		250	Iron		WS
	= TVS x (times) the FWER (final water	Chlorine	0.019	0.011	Iron(T)		1000
effect ratio). Expiration date	of 12/31/20	Cyanide	0.005		Lead	TVS	TVS
	501 12/31/20.	Nitrate	10		Lead(T)	50	
		Nitrite		0.5	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	TVSx1.57*	TVSx1.57*

London Mine

**Regulation #38** 

	i ol mosquito creek nom in	e confluence with South Mosquito Creek to its confluer					
COSPUS02B		Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		<u>7.6</u> 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/m2)			Cadmium(T)	<u></u> 5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2021					Chromium III(T)	<u></u> 50	<u>100</u>
		Inorganic (	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		<u></u> WS
		Boron		0.75	Iron(T)		1000
		Chloride		<u></u> 250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u></u> 50	
		Cyanide	0.005		Manganese	TVS	TVS <del>AVS</del>
		Nitrate	10 <u>0</u>		Mercury		0.01(t)
		Nitrite	<u>10</u>	<u></u> 0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		<u></u> WS	Nickel(T)		<u></u> 100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium		
					Zinc		220
2c. South Mos	squito Creek from the sour	ce to confluence with Mosquito Creek and No Name C	reek from the sour	ce to the conf	Zinc		220
	squito Creek from the source	ce to confluence with Mosquito Creek and No Name C Physical and Bic		ce to the conf	Zinc		220
COSPUS02C Designation	Classifications			ce to the conf	Zinc	 uito Creek.	220 chronic
COSPUS02C	Classifications Agriculture Aq Life Cold 1		ological		Zinc	 uito Creek. Metals (ug/L)	
COSPUS02C Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic	ological DM	MWAT	Zinc luence with South Mosqu	 uito Creek. Metals (ug/L) acute	chronic
COSPUS02C Designation UP	Classifications Agriculture Aq Life Cold 1	Physical and Bic	Diogical DM CS-I	MWAT CS-I	Zinc luence with South Mosqu Aluminum	uito Creek. Metals (ug/L) acute 	chronic 
COSPUS02C Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic	Dogical DM CS-I acute	MWAT CS-I chronic	Zinc luence with South Mosqu Aluminum Arsenic	 uito Creek. Metals (ug/L) acute  340	chronic 
COSPUS02C Designation UP	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH	ological DM CS-I acute 	MWAT CS-I chronic 6.0	Zinc Uuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium	 iito Creek. Metals (ug/L) acute  340 	chronic 
COSPUS02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning)	ological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Zinc luence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium	 iito Creek. Metals (ug/L) acute  340 	<u>chronic</u>  <u>7.60.02</u>  TVS 
COSPUS02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply fodification(s):	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH	ological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0 	Zinc Uuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium	 iito Creek. Metals (ug/L) acute  340   TVS(tr)	chronic   <u>7.6</u> 0.02 
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply fodification(s):	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2)	Diogical DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Zinc luence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  5-0	<u>chronic</u>  <u>7.60.02</u>  TVS 
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2)	Diogical DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Zinc Iuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  5-9 	chronic   <u>7.60.02</u>  TVS  TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	Diogical DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Zinc Uuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 iito Creek. Metals (ug/L)  340  340  TVS(tr) <u>50</u>	chronic  7 <u>.60.02</u>  TVS  TVS 100
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL)	Diogical DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 126	Zinc Uuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 itio Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)  50  TVS	chronic  7 <u>7.60.02</u>  TVS  TVS <u>100</u> TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m2) E. Coli (per 100 mL) Inorganic (	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Zinc Iuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)   TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)  TVS(tr)   TVS(tr)        -	chronic   <u>7.60.02</u>  TVS  TVS <u>100</u> TVS TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126 t26 chronic TVS	Zinc Iuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)   TVS TVS TVS TVS	chronic  7 <u>760.02</u>  TVS  TVS 100 TVS TVS TVS TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron	Diogical 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	Zinc Uence with South Mosque Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	 iito Creek. Metals (ug/L) acute  340  340  TVS(tr)  50 TVS TVS TVS TVS	chronic  7.60.02  TVS  TVS 100 TVS TVS TVS  WS 1000
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  TVS	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250	Zinc Uuence with South Mosque Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)  TVS TVS TVS TVS TVS TVS	chronic              7_60.02              TVS              TVS           100           TVS           100           TVS           1000           TVS           TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  TVS  0.019	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS 0.75 250 0.011	Zinc Iuence with South Mosqu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 iito Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)  50 TVS TVS TVS  TVS  TVS	chronic   <u>7.60.02</u>  TVS  TVS <u>100</u> TVS TVS  WS 1000 TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chlorine         Cyanide	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011	Zinc Iuence with South Mosque Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 ito Creek. Metals (ug/L) acute  340  TVS(tr)  TVS(tr)  5-0 TVS TVS TVS TVS TVS  50 TVS TVS  TVS	chronic   7 <u>760.02</u>  TVS  TVS 100 TVS TVS WS 1000 TVS  TVS  WS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m2)         E. Coli (per 100 mL)         Inorganic (         Ammonia         Boron         Chloride         Chloride         Chlorite         Nitrate	Diogical DM CS-I acute  6.5 - 9.0  6.5 - 9.0  (mg/L) CO TVS  TVS  0.019 0.005 100	MWAT CS-I chronic 6.0 7.0  150 126 126 126	Zinc Iuence with South Mosque Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	itio Creek.  Metals (ug/L)  acute  340 340 TVS(r)50 TVS TVS TVS TVS TVS TVS 50 TVS	chronic  7.60.02  TVS 1VS 100 TVS TVS  WS 1000 TVS  TVS  TVS 0.01(t)
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         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	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 -10	MWAT CS-I Chronic 6.0 7.0 150 126 0.126 Chronic TVS 0.75 250 0.011 250 0.011	Zinc Iuence with South Mosque 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)	itio Creek.  Metals (ug/L)  acute  340  340  TVS(tr)  50  TVS  TVS  TVS  TVS  50  TVS  TVS  TVS  TVS	chronic            7_60.02            TVS            TVS         100         TVS        WS         1000         TVS        WS         1000         TVS        WS         0.01(t)         150
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         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	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 -10 	MWAT CS-I chronic 6.0 7.0  150 126  Chronic TVS 0.75  250 0.011     0.01 	Zinc Iuence with South Mosque 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	iito Creek.  Metals (ug/L)  acute  340  TVS(tr)  5-0  TVS  1  50  TVS  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  1	chronic               Z_60.02            TVS            100         TVS         100         TVS         100         TVS        WS         1000         TVS            TVSAWS         0.01(t)         150         TVS
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         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	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 -10 	MWAT CS-I Chronic 6.0 7.0 126 126 126 0.126 0.01 Chronic Chronic 0.75 0.75 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0	Zinc Iuence with South Mosque 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)	iito Creek.  Metals (ug/L)	chronic   7 <u>760.02</u>  TVS  TVS 100 TVS TVS  WS 1000 TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
COSPUS02C Designation UP Qualifiers: Other: Temporary M Arsenic(chron	Classifications          Agriculture         Aq Life Cold 1         Recreation E         Water Supply	Physical and Bic         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	Diogical DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 -10 	MWAT CS-I Chronic 6.0 7.0 126 126 126 0.126 0.01 Chronic Chronic 0.75 0.75 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0	Zinc Iuence with South Mosque 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	ito Creek.  Metals (ug/L)  acute  340 340 TVS(tr) 5-0 TVS TVS TVS TVS TVS TVS 50 TVS	chronic   7.60.02  TVS 100 TVS 1000 TVS  1000 TVS  TVSAWS 0.01(t) 150 TVS 100 TVS

# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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**

### South Mosquito Creek and Upper Mosquito Creek

<u>Water Supply</u>: The Commission removed the Water Supply use classifications and standards from South Mosquito Creek (segment 2c) and Mosquito Creek (segment 2b). Evidence was presented that demonstrated that the Water Supply use does not currently exist, has not existed since 1978, and is not reasonably expected in the future due to the elevation and remote nature of the area.

# Metro Wastewater Reclamation District Regulation #38

### DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### Water Quality Control Commission

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

5 CCR 1002-38

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# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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**

#### X. Upper South Platte Segment 15 and Middle South Platte Segment 1a

The commission reviewed the antidegradation designations for Upper South Platte River Segment 15 (COSPUS15) and Middle South Platte River Segment 1a (COSPMS01a). Based on the available water quality data and additional information on the record, the Commission determined that Segments 15 and Segment 1a should retain the Use Protected designation.

Upper South Platte Segment 15: Segment 15 is classified as aquatic life warm class 2. Available data show that the segment does not attain the chronic recreation standard for *E. coli*, the chronic aquatic life standards for dissolved cadmium and temperature, and the chronic water supply standards for total cadmium, sulfate and chloride. Therefore, the Commission determined that Segment 15 should retain its use protected designation pursuant to C.R.S. § 25-8-209(4) and Regulation 31, Sections 31.8(2)(b)(ii) and 31.8(2)(b)(iii)(B).

Middle South Platte Segment 1a: Segment 1a is classified as aquatic life warm class 2. Available data show that the segment does not attain the chronic recreation standard for *E. coli*, the chronic water+fish standard for arsenic, and the chronic water supply standard for manganese. Therefore, the Commission determined that Segment 1a should retain its use protected designation pursuant to C.R.S. § 25-8-209(4) and Regulation 31, Sections 31.8(2)(b)(ii) and 31.8(2)(b)(iii)(B).

# Plum Creek Water Reclamation Authority Regulation #38

### DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### Water Quality Control Commission

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

5 CCR 1002-38

****

# 38.101 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8-9, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

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**

#### X. Temporary Modifications

The commission extended temporary modifications on the following segments:

Upper South Platte Segment 10a (COSPUS10a), Plum Creek and East Plum Creek below PCWRA's discharge: Temporary modification of the chronic winter temperature standards.

The Commission extended the temporary modification of the chronic temperature standards on Segment 10a during December, January, and February with an expiration date of December 31, 2025, and a narrative operative value of "current conditions." Plum Creek Water Reclamation Authority (PCWRA) presented information that shows instream non-attainment and predicted compliance problems with the chronic water quality based effluent limit (WQBEL) downstream of its discharge during the winter months. The Commission found that there remains significant uncertainty regarding the appropriate winter temperature standards for warm water streams.

The extension of the temporary modification is based on PCWRA's demonstration that additional time is needed to resolve the uncertainty with the temperature standards and to determine the appropriate regulatory approach. The Commission reviewed the Plan to Resolve Uncertainty submitted by PCWRA in this hearing, and determined that additional time is required to allow for plant expansion, data collection, temperature standards studies, and potential development of a discharger-specific variance. PCWRA has committed to providing annual updates to the Division in June through the duration of the temporary modification, beginning in 2021.

APPENDIX 38-1 Stream Classifications and Water Quality Standards Tables

### COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

### WATER QUALITY CONTROL COMMISSION

### 5 CCR 1002-38

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

Effective 12/31/2020

COSPUS10A	Classifications	Physical and E	liological				
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m2)		150*	Cadmium	TVS	TVS
emporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni		Inorganic (mg/L)			Chromium III		TVS
Expiration Date of 12/31/2024			acute	chronic	Chromium III(T)	50	
temperature(MWAT) = current condition* 12/1 - 2/29		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/ <del>2020</del> 2025	Boron		0.75	Copper	TVS	TVS
chlorophyll a (	(mg/m2)(chronic) = applies only above the	Chloride		250	Iron		WS
acilities listed	at 38.5(4). hronic) = applies only above the facilities	Chlorine	0.019	0.011	Iron(T)		1000
sted at 38.5(4	).	Cyanide	0.005		Lead	TVS	TVS
	mperature(12/1 - 2/29) = East Plum Creek ek below the PCWRA discharge.	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
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

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# Raytheon

**Regulation #38** 

## **PROPOSAL OF THE RAYTHEON COMPANY**

## **REGULATION #38 STREAM CLASSIFICATIONS AND WATER QUALITY STANDARDS**

### ST. VRAIN SUBBASIN SEGMENT 06

COSPSV06	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100	
Other:		рН	6.5 - 9.0		Beryllium			
Femporary M	Iodification(s):	chlorophyll a (mg/m2)			Cadmium	TVS	TVS	
	= current condition	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS	
Manganese(a	ac/ch) = current condition	Inorganic (mg/L)		Chromium III(T)		100		
Expiration Dat	te of <del>12/31/2020 12/31/2023</del>		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		Boron		0.75	Iron(T)		1000	
		Chloride			Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS	
		Cyanide	0.005		Mercury		0.01(t)	
		Nitrate	100		Molybdenum(T)		150	
		Nitrite		0.5	Nickel	TVS	TVS	
		Phosphorus			Selenium	TVS	TVS	
		Sulfate			Silver	TVS	TVS	
		Sulfide		0.002	Uranium			
					Zinc	TVS	TVS	

## PROPOSAL OF THE RAYTHEON COMPANY

## **REGULATION #38 STREAM CLASSIFICATIONS AND WATER QUALITY STANDARDS**

### ST. VRAIN SUBBASIN SEGMENT 07

7. Boulder Re	servoir, Coot Lake, Left Hand Valley Reserv	oir and Spurgeon Reservoir.					
COSPSV07	Classifications	Physical and Biolog	ical		N	letals (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
	DUWS*	рН	6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M	lodification(s):	Inorganic (mg	/L)		Chromium III		TVS
Arsenic(chron	nic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	te of 12/31/2024	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Iron(chronic) =	- current condition	Boron		0.75	Copper	TVS	TVS
Manganese(a	ic/ch) = current condition	Chloride		250	Iron		WS
Expiration Dat	te of 12/31/2020	Chlorine	0.019	0.011	Iron(T)		1000
	n: DUWS applies to Boulder, Spurgeon and	Cyanide	0.005		Lead	TVS	TVS
Left Hand Vall	lley Reservoirs only.	Nitrate	10		Lead(T)	50	
		Nitrite		0.5	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

## PROPOSAL OF THE RAYTHEON COMPANY

### 38.100 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 8, 2020 RULEMAKING; FINAL ACTION AUGUST 10, 2020; EFFECTIVE DATE DECEMBER 31, 2020

St Vrain Segments 06 (unnamed drainage COSPSV06) and 07 (Left Hand Valley Reservoir COSPSV07): temporary modifications for total recoverable iron and acute and chronic dissolved manganese (expiration of 12/31/2020). For Segment 06, the commission adopted an extension to the temporary modification for total recoverable iron until 12/31/2023 and has removed the temporary modification for manganese. For Segment 07, the commission has removed the temporary modifications for iron and manganese as the water quality standards are being attained. Based on information provided by the Raytheon Company and the original plan to resolve uncertainty, Raytheon has determined that the underlying standard for manganese (TVS) on Segment 06 is being attained, however, a site-specific standard for total recoverable iron on Segment 06 may be relevant based on ambient water quality and aquatic life information. Water quality results for iron on several drainages in the area show concentrations greater than the underlying standard. As these drainages rarely have flow, an extension to the temporary modification is needed to conduct additional sampling and to evaluate the aquatic life species (macroinvertebrates) present on both the unnamed drainage where the discharge (seeps) are located and the nearby drainages, to develop an alternatives analysis. Although minimal data exists for Left Hand Valley Reservoir (Segment 07), the standards for iron and manganese are being attained. Raytheon has provided an updated plan to resolve uncertainty addressing the additional water quality data and macroinvertebrate collection needed to propose a site-specific iron standard on Segment 06. The commission has extended the "current condition" temporary modification for iron on Segment 06 until 12/31/2023.