# 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 06/30/2017

1a. Mainstem	of the South Platte River from the sour	ce of the South and Middle Forks to					
COSPUS01A	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(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
-	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(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(c facilities listed	chronic) = applies only above the at 38 5(4)	Ammonia	TVS	TVS	Iron		WS
*Temperature	= summer criteria apply from 4/1-	Boron		0.75	Iron(T)		1000
10/31		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.03	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uropium		
					Uranium	 T\/S	
1b All tributari	ies to the South Platte River, including	wetlands within the Lost Creek and	Mt Evans Wild	erness Areas	Zinc	TVS	TVS
	es to the South Platte River, including	wetlands within the Lost Creek and Physical and Bid		erness Areas	Zinc		
COSPUS01B				erness Areas MWAT	Zinc	TVS	
COSPUS01B	Classifications	Physical and Bio	ological DM	MWAT	Zinc	TVS Metals (ug/L)	TVS
COSPUS01B Designation	Classifications Agriculture		ological		Zinc S.	TVS Metals (ug/L) acute	TVS
COSPUS01B Designation OW	Classifications Agriculture Aq Life Cold 1	Physical and Bio	ological DM CS-I	MWAT CS-I	Zinc s. Aluminum Arsenic	TVS Metals (ug/L) acute 	TVS chronic 
COSPUS01B Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio	ological DM CS-I acute	MWAT CS-I chronic	Zinc S. Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340	TVS chronic 
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning)	ological DM CS-I acute 	MWAT CS-I chronic 6.0	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	TVS chronic  0.02 
COSPUS01B Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH	ological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L)  340 	TVS chronic  0.02
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	blogical DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0	TVS chronic  0.02  TVS 
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH	logical DM CS-I acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS chronic  0.02  TVS  TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Alogical DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Alogical DM CS-1 acute  6.5 - 9.0  mg/L)	MWAT CS-I chronic 6.0 7.0  150 126	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS  Metals (ug/L)  acute  340  TVS(tr)  5.0  50  TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	blogical DM CS-1 acute  6.5 - 9.0  mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Zinc S. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS  TVS TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic TVS	Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Zinc Zinc Zinc Zinc Zinc Zinc Zinc Z	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 5.0 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	Alogical DM CS-1 acute  6.5 - 9.0  mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 t26 tVS 0.75	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Arsenic Zinc Zinc Zinc Zinc Zinc Zinc Zinc Z	TVS  Metals (ug/L)  acute  340 340 TVS(tr) 5.0 50 50 TVS 50	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	Alogical 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 S. 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  acute  340	TVS chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	Alogical DM CS-1 acute  6.5 - 9.0  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 S. 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           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS           50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  8.0  TVS  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 126 Chronic TVS 0.75 250 0.011 	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS           Metals (ug/L)           acute              340              340              50           TVS           TVS           TVS           50           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	TVS  chronic
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	blogical DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  150 126 126 Chronic TVS 0.75 250 0.011 	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         50         TVS         TVS         50         TVS         50         TVS	TVS chronic  0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS WS 0.01(t)
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bid	Alogical DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 	MWAT CS-I chronic 6.0 7.0  150 126 126  250 0.011   0.05	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS       Metals (ug/L)       acute          340          340          TVS(tr)       5.0          50       TVS       TVS       50       TVS	TVS chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS 1000 TVS 
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	blogical DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 120 120 0.01 Chronic TVS 0.75 250 0.011  0.05 0.11	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS       Metals (ug/L)       acute          340          340          TVS(tr)       50       TVS       TVS       TVS       50       TVS       TVS       TVS       TVS       TVS       TVS          TVS       TVS       TVS       TVS       TVS       TVS       TVS       TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  C.5  0.5  0.01 0.005 10  10     	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           TVS           0.75           250           0.011              0.05           0.11           WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS	TVS  chronic
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  CTVS  0.019 0.005 10  10 	MWAT CS-I chronic 6.0 7.0 120 120 0.01 Chronic TVS 0.75 250 0.011  0.05 0.11	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS         Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         TVS <tr tr=""></tr>	TVS  chronic  0.02 1VS TVS TVS TVS TVS TVS 1000 TVS TVS 1000 TVS 150 TVS 100 TVS 150 TVS
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  C.5  0.5  0.01 0.005 10  10     	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           TVS           0.75           250           0.011              0.05           0.11           WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS       Metals (ug/L)       acute          340          340          TVS(tr)       5.0       TVS(tr)       5.0       TVS	TVS  chronic
COSPUS01B Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Alogical DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  C.5  0.5  0.01 0.005 10  10     	MWAT           CS-I           chronic           6.0           7.0           126           126           Chronic           TVS           0.75           250           0.011              0.05           0.11           WS	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS         Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         TVS <tr tr=""></tr>	TVS  chronic  0.02 1VS TVS TVS TVS TVS TVS 1000 TVS TVS 1000 TVS 150 TVS 100 TVS 150 TVS

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

	except for specific listings in Segment Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
``	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above sted 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
dointies hated	ut 50.5(4).	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	TVS	TVS
2b. Mainstem	of Mosquito Creek from the confluence	e with South Mosquito Creek to	its confluence with th	he Middle Fo	Zinc	TVS	
COSPUS02B	Classifications	e with South Mosquito Creek to Physical and	Biological		Zinc ork of the South Platte Rive	TVS	TVS
COSPUS02B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc ork of the South Platte Rive	TVS er.	
COSPUS02B	Classifications Agriculture Aq Life Cold 1		Biological DM CS-I	MWAT CS-I	Zinc ork of the South Platte Rive Aluminum	TVS er. Metals (ug/L) acute 	TVS
COSPUS02B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT CS-I chronic	Zinc ork of the South Platte Rive	TVS er. Metals (ug/L) acute	TVS
COSPUS02B Designation JP	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I	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 
COSPUS02B Designation JP 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	Zinc rk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340 	TVS chronic  0.02 
COSPUS02B 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 Trk of the South Platte River Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS mr. Metals (ug/L) acute  340  TVS(tr)	TVS chronic  0.02
COSPUS02B Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-I acute 	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 chronic  0.02  TVS 
COSPUS02B Designation UP Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-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) Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS chronic  0.02  TVS
COSPUS02B Designation UP Qualifiers: Other: Temporary M Arsenic(chroni	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 <sup>2</sup> )	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc Tk 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(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPUS02B Designation UP Qualifiers: Other: Temporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Zinc Trk of the South Platte River Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPUS02B Designation UP Qualifiers: Other: Temporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 	Zinc prk of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS  TVS TVS
COSPUS02B Designation JP Qualifiers: Dther: Temporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L)	MWAT CS-I chronic 6.0 7.0   126	Zinc ork of the South Platte Rive Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPUS02B Designation JP Qualifiers: Dther: Femporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute	MWAT CS-I chronic 6.0 7.0  126	Zinc ork 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(tr) 5.0  50 TVS TVS TVS 	TVS chronic  0.02  TVS  TVS TVS TVS TVS S TVS S S S S S S S S S
COSPUS02B Designation JP Qualifiers: Dther: Femporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS	Zinc Trk of the South Platte River Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS TVS TVS S
COSPUS02B Designation JP Qualifiers: Dther: Femporary M Arsenic(chroni	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 <sup>2</sup> ) 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  126	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 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	TVS chronic  0.02  TVS  TVS TVS TVS S S VS 1000 TVS 
COSPUS02B Designation JP Qualifiers: Dther: Temporary Marsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-1 acute  6.5 - 9.0  c ic (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 Rive  Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper Iron Iron(T)  Lead Lead(T)  Manganese	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS TVS TVS TVS S VS USS
COSPUS02B Designation JP Qualifiers: Dther: Temporary Marsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute TVS  0.019	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011	Zinc ork of the South Platte Rive and an anticempole and an anticempol	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50	TVS chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPUS02B Designation JP Qualifiers: Dther: Temporary Marsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  1.0 0.019 0.005	MWAT CS-I chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011	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  Lead(T)  Manganese  Mercury  Molybdenum(T)	TVS  Pr.  Metals (ug/L)  acute  340  340  TVS(tr)  5.0  TVS  TVS  TVS  TVS  TVS  50  TVS	TVS chronic  0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
COSPUS02B Designation JP Qualifiers: Dther: Temporary Mi Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  (.5  0.5   0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  125	Zinc ork of the South Platte Rive and an anticempole and an anticempol	TVS Pr. Metals (ug/L) acute ac	TVS chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPUS02B Designation JP Qualifiers: Dther: Temporary Mi Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-1 acute  6.5 - 9.0  () () CS-  CS-  CS-  CS-  CS-  CS-  CS-  	MWAT CS-I chronic 6.0 7.0  126  126  250 0.011   0.05	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  Lead(T)  Manganese  Mercury  Molybdenum(T)	TVS  Metals (ug/L)  Acute   340   340   TVS(tr)  5.0   50  TVS  TVS  TVS  TVS  50  TVS  50  TVS  50  TVS   TVS  50  TVS	TVS chronic 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPUS02B Designation JP Qualifiers: Dther: Temporary Mi Arsenic(chroni	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 <sup>2</sup> ) 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  () ()  ()  0.019 0.005 10  10 	MWAT CS-I chronic 6.0 7.0  126 126 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 VI  Copper Iron Iron(T) Lead Lead(T)  Manganese Mercury Molybdenum(T) Nickel	TVS  Metals (ug/L)  Acute   340   340   TVS(tr)  5.0  TVS  50  TVS  TVS  TVS  50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
COSPUS02B Designation JP Qualifiers: Dther: Temporary Mi Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10 10  10  	MWAT CS-I Chronic 6.0 7.0  126 0.01 Chronic TVS 0.75 250 0.011  0.05  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 Molybdenum(T) Nickel Nickel(T)	TVS  Metals (ug/L)  Acute   340   340   TVS(tr)  5.0  TVS  50  TVS  TVS  50  TVS	TVS chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPUS02B Designation JP Qualifiers: Dther: Femporary M Arsenic(chroni	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 <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10 10  10  	MWAT CS-I Chronic 6.0 7.0  126 0.01 Chronic TVS 0.75 250 0.011  0.05  WS	Zinc  Trk 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 Molybdenum(T) Nickel Nickel(T) Selenium	TVS  Pr.  Metals (ug/L)  acute  340  340  TVS(tr)  5.0  TVS  50  TVS  TVS  50  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TV	TVS chronic  0.02  TVS  TVS TVS 3 1000 TVS 0.01(t) 150 TVS 1000 TVS 0.01(t) 150 TVS

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

- t = total
- tr = trout

20. JOURT MOS	equito Creek from the source to conflue	nce with Mosquito Creek and No	Name Creek from	the source t	to the confluence with Sout	h Mosquito Creek.	
COSPUS02C	Classifications	Physical and B	ological			Metals (ug/L)	
-	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:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		280
	es to the South Platte River, including a of the South Platte River, except for s		ely below the conf	uence with	Tarryall Creek to a point im	mediately above the c	confluence with
COSPUS03	Classifications	Physical and B	ological			Metals (ug/L)	
Designation	Agriculture		DM				
Reviewable			Diff	MWAT		acute	chronic
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	chronic 
	Aq Life Cold 1 Recreation E	Temperature °C			Aluminum Arsenic		
		Temperature °C D.O. (mg/L)	CS-I	CS-I			
Qualifiers:	Recreation E		CS-I acute	CS-I chronic	Arsenic	 340	
	Recreation E	D.O. (mg/L)	CS-I acute 	CS-I chronic 6.0	Arsenic Arsenic(T)	 340 	  0.02
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	 340 	  0.02 
<b>Qualifiers:</b> Other: Temporary Mo	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) Beryllium Cadmium	 340   T∨S(tr)	  0.02  TVS
<b>Qualifiers:</b> Other: Temporary M Ammonia(ac/c	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS(tr) 5.0	 0.02  TVS 
<b>Qualifiers:</b> Other: Temporary M Ammonia(ac/c	Recreation E Water Supply odification(s): ch) = current condition* e of 12/31/2017	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni	Recreation E Water Supply odification(s): ch) = current condition* e of 12/31/2017	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	CS-I 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(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	CS-I 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(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(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 <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	CS-I acute  6.5 - 9.0  (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(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	CS-I acute  6.5 - 9.0  (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	 340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	CS-I acute  6.5 - 9.0  (mg/L) acute TVS  CNS  0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Me Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	CS-I acute  6.5 - 9.0  (mg/L) (mg/L) TVS  TVS 0.019 0.005	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 Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS   TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute  6.5 - 9.0  (mg/L) acute TVS  CNS  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	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS 4000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  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 Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 10	CS-I         chronic         6.0         7.0         150*         126         0.01         Chronic         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 Molybdenum(T)	340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CVS  0.019 0.005 10 10  10 	CS-I chronic 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	0.02 0.1 0.02 0.1 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 10	CS-I         chronic         6.0         7.0         150*         126         0.01         Chronic         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 Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS TVS   TVS 50 TVS   TVS 50 TVS    TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 0.01(t) 150 TVS 1000 TVS 
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CVS  0.019 0.005 10 10  10 	CS-I chronic 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	0.02 TVS TVS TVS TVS TVS TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
Qualifiers: Other: Temporary Ma Ammonia(ac/c Expiration Dat Arsenic(chroni Expiration Dat *chlorophyll a the facilities listed *Phosphorus( facilities listed *TempMod: Ar	Recreation E Water Supply odification(s): ch) = current condition* te of 12/31/2017 ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). mmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute  6.5 - 9.0  (mg/L) (mg/L) CVS  0.019 0.005 10 10  10 	CS-I chronic 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS TVS   TVS 50 TVS   TVS 50 TVS    TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 0.01(t) 150 TVS 1000 TVS 

All metals are dissolved unless otherwise noted.

T = total recoverable

- t = total

COSPUS04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
her:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2021				Chromium III(T)	50	
chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorgan	ic (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
	. ,	Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

5a. Mainstem	of Geneva Creek from the source to	the confluence with Scott Gomer Cre	ek.		-		
COSPUS05A	Classifications	Physical and Bio	ological		М	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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
		pH	3.5-9.0		Cadmium		
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)		2
		E. Coli (per 100 mL)		126	Chromium III		
					Chromium III(T)		100
		Inorganic (	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		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel		
		Sulfate			Nickel(T)		50
		Sulfide		0.002	Selenium		
					Selenium(T)		4.6
					Silver		
					Silver(T)		1
					Uranium		
					Zinc		190

wetlands from	source to confluence with th	ne North Fork of the South Platte River.					
COSPUS05B	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
		tributaries from source to Sunset Trail.					
	Classifications	Physical and	-		N	letals (ug/L)	
-	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						٨
Qualifiers	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 <sup>A</sup>
	Water Supply	pH	6.5 - 9.0		Beryllium		
Qualifiers: Other:	Water Supply	pH chlorophyll a (mg/m²)	6.5 - 9.0 		Beryllium Cadmium	 TVS	 TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	6.5 - 9.0  		Beryllium Cadmium Cadmium(T)	 TVS 5.0	 TVS 
	Water Supply	pH chlorophyll a (mg/m²)	6.5 - 9.0  ic (mg/L)	  126	Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0 	 TVS  TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	6.5 - 9.0  ic (mg/L) acute	  126 chronic	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	 TVS  TVS 
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0  ic (mg/L) TVS	 126 <b>chronic</b> TVS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	 TVS  TVS TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0  ic (mg/L) acute	 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 Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0  ic (mg/L) acute TVS 	 126 <b>chronic</b> 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 Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0  ic (mg/L) 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 Iron Iron(T)	 TVS 5.0  50 TVS TVS 	 TVS  TVS TVS TVS WS 1000
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	 126 <b>chronic</b> TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS 5.0  50 TVS TVS   TVS	 TVS  TVS TVS TVS WS 1000 TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  ic (mg/L) 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 Iron Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS   TVS 50	 TVS  TVS TVS TVS WS 1000 TVS 
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	 126 <b>chronic</b> TVS 0.75 250 0.011  0.05	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 WS 1000 TVS  TVSWS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	 126 Chronic TVS 0.75 250 0.011  0.05 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) TVS  0.019 0.005 10	 126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus	6.5 - 9.0  ic (mg/L) TVS  0.019 0.005 10  10	 126 Chronic TVS 0.75 250 0.011  0.05 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 10  	 126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 10  	 126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 10  	 126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
	Water Supply	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 10  	 126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	TVS TVS TVS TVS WS 1000 TVS TVSWS 0.01(t) 150 TVS 100 TVS 100

All metals are dissolved unless otherwise noted.

- T = total recoverable
- t = total

tr = trout

5d. Mainstem	of Gooseberry Gulch a	nd all tributaries from Sunset Trail to confluence with	h Elk Creek.				
	Classifications	Physical and Biol				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 <sup>A</sup>
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic (n	ng/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
6a. Mainstem	of the South Platte Rive	er from the outlet of Cheesman Reservoir to the inle	t of Chatfield R	eservoir.			
	of the South Platte Rive Classifications	er from the outlet of Cheesman Reservoir to the inle Physical and Biol		eservoir.		Metals (ug/L)	
COSPUS06A				eservoir. MWAT		Metals (ug/L) acute	chronic
COSPUS06A	Classifications		ogical		Aluminum		chronic 
COSPUS06A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biol	ogical DM	MWAT		acute	
COSPUS06A Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Biol	logical DM CS-II	MWAT CS-II	Aluminum	acute	
COSPUS06A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biol	ogical DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute  340	
COSPUS06A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Biol Temperature °C D.O. (mg/L)	logical DM CS-II acute 	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02
COSPUS06A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Biol       Temperature °C       D.O. (mg/L)       D.O. (spawning)	ogical DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
COSPUS06A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Biol       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	logical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	logical DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	logical DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	logical DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	logical DM CS-II acute  6.5 - 9.0  mg/L)	MWAT CS-II chronic 6.0 7.0   126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)       Inorganic (n	logical DM CS-II acute  6.5 - 9.0  ng/L) acute	MWAT CS-II chronic 6.0 7.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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	logical DM CS-II acute  6.5 - 9.0   mg/L) acute TVS	MWAT           CS-II           chronic           6.0           7.0              126           chronic           Chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS WS 1000
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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	logical DM CS-II acute  6.5 - 9.0  ng/L) acute TVS  TVS	MWAT CS-II chronic 6.0 7.0  126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  mg/L) acute TVS  US  0.019	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chlorine         Cyanide	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  1 0.5 0.019 0.005	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (m         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  1 0.5  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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	logical DM CS-II acute  6.5 - 9.0  c ng/L) acute TVS  0.019 0.005 10 	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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         Phosphorus         Sulfate	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10  10 	MWAT           CS-II           chronic           6.0           7.0              126           Chronic           7.0              126           0.011              0.011              0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Biol         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic (n         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  0.5   0.019 0.005 10  10     	MWAT CS-II chronic 6.0 7.0  126 126 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 Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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         Phosphorus         Sulfate	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  0.5   0.019 0.005 10  10     	MWAT           CS-II           chronic           6.0           7.0              126           Chronic           7.0              126           0.011              0.011              0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100
COSPUS06A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	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         Phosphorus         Sulfate	logical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  0.5   0.019 0.005 10  10     	MWAT           CS-II           chronic           6.0           7.0              126           Chronic           7.0              126           0.011              0.011              0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS 100

COSPUS06B								
	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	23.5	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
*		D.O. (spawning)			7.0	Cadmium(T)	5.0	
	(ug/L)(chronic) = measured through re representative of the mixed layer	pН		6.5 - 9.0		Chromium III		TVS
during July-Se	pt, with an allowable exceedance in 5 yrs. See section 38.6(4) for	chlorophyll a (ug/L)	7/1 - 9/30		10*	Chromium III(T)	50	
assessment th	resholds.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
*Phosphorus(c assessment th	hronic) = See section 38.6(4) for resholds					Copper	TVS	TVS
		1	norganic (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		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite			0.05	Nickel(T)		100
		Phosphorus			0.03*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
						Zinc	TVS	TVS
6c. Deleted.								
COSPUS06C	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation				DM	MWAT		acute	chronic
Qualifiers:				acute	chronic			
Other:								
		I	norganic (mg/	L)				
				acute	chronic	1		

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(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
n National Fo	orest Lands, except for the	eek from the source to the boundary of Nations specific listing in Segment 9.		cluding all tr	Zinc ibutaries and wetlands with	TVS in the Plum Creek dra	TVS ainage which a
on National Fo	orest Lands, except for the Classifications		Biological	-	Zinc ibutaries and wetlands with	TVS in the Plum Creek dra Metals (ug/L)	ainage which a
on National Fo COSPUS08 Designation	orest Lands, except for the Classifications Agriculture	specific listing in Segment 9. Physical and	Biological DM	MWAT	Zinc ibutaries and wetlands with	TVS in the Plum Creek dra Metals (ug/L) acute	ainage which a
on National Fo	orest Lands, except for the Classifications Agriculture Aq Life Cold 1	specific listing in Segment 9.	Biological DM CS-I	MWAT CS-I	Zinc ibutaries and wetlands with Aluminum	TVS in the Plum Creek dra Metals (ug/L) acute 	ainage which a chronic 
on National Fo COSPUS08 Designation	orest Lands, except for the Classifications Agriculture	Physical and         Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc ibutaries and wetlands with Aluminum Arsenic	TVS in the Plum Creek dra Metals (ug/L) acute  340	ainage which a chronic 
on National Fo COSPUS08 Designation	orest Lands, except for the 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 ibutaries and wetlands with Aluminum Arsenic Arsenic(T)	TVS in the Plum Creek dra Metals (ug/L) acute  340 	ainage which a chronic  0.02
n National Fe COSPUS08 Designation Reviewable Qualifiers:	orest Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E	specific 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 7.0	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium	TVS in the Plum Creek dra Metals (ug/L) acute  340 	ainage which a chronic  0.02 
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other:	orest Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Specific listing in Segment 9.       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 ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS in the Plum Creek dra Metals (ug/L) acute  340  TVS(tr)	ainage which a chronic  0.02  TVS
n National Fe COSPUS08 Designation Reviewable Qualifiers: Other: Temporary M	orest Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s):	Physical and         Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m <sup>2</sup> )	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 in the Plum Creek dra Metals (ug/L) acute  340  TVS(tr) 5.0	ainage which a chronic  0.02  TVS 
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	Specific listing in Segment 9.       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 ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS in the Plum Creek dr. Metals (ug/L) acute  340  TVS(tr) 5.0 	ainage which a chronic  0.02  TVS  TVS
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	orest Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s):	specific 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)	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 in the Plum Creek dra Metals (ug/L) acute  340  TVS(tr) 5.0  50	ainage which a chronic  0.02  TVS  TVS 
on National Fe COSPUS08 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)	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 in the Plum Creek dr. Metals (ug/L)  340  340  TVS(tr) 5.0  50 TVS	ainage which a chronic  0.02  TVS  TVS  TVS 
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani	Biological DM CS-I acute  6.5 - 9.0  (c (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 in the Plum Creek dra Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	ainage which  0.02  TVS  TVS  TVS  TVS
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani         Ammonia	Biological DM CS-I acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150 126 126 chronic	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron	TVS in the Plum Creek dr. Metals (ug/L)  340  340  TVS(tr) 5.0  50 TVS	ainage which chronic  0.02  TVS  TVS  TVS TVS WS
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani         Ammonia         Boron	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0 7.0 150 126 126 Chronic TVS 0.75	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS in the Plum Creek dra (Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	ainage which chronic  0.02  TVS  TVS  TVS WS 1000
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani         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           chronic           7.0              150           126           0.75           250	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS in the Plum Creek dr. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	ainage which a chronic  0.02  TVS  TVS  TVS TVS TVS WS
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani         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 7.0 150 126 126 Chronic TVS 0.75	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS         in the Plum Creek dra         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS <tr td="">         TVS</tr>	ainage which  0.02  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific listing in Segment 9.         Physical and         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         Chloride	Biological DM CS-I acute   6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	MWAT           CS-I           chronic           6.0           7.0           126           chronic           126           Chronic           0.75           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	TVS         in the Plum Creek dra         Metals (ug/L)         acute            340            340            50         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         50         TVS         S0         TVS         S0         TVS         S0	ainage which a chronic  0.02  TVS  TVS  TVS VS VS VS 1000 TVS 
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific listing in Segment 9.         Physical and         Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Boron         Chloride         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-1 acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  150 126 126 126 0.01 250 0.011 	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS           in the Plum Creek dra           acute              340              340              50           TVS           TVS           TVS           50           TVS           TVS           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS	ainage which chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	specific 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)         Inorgani         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-I acute  6.5 - 9.0  () () c (mg/L) acute TVS  0.019 0.005 10 	MWAT CS-I chronic 6.0 7.0  150 126 126 126 Chronic TVS 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 Molybdenum(T)	TVS         in the Plum Creek dra         acute         acute            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS         TVS         50         TVS         TVS         S0         TVS         TVS            TVS            TVS            TVS            TVS            TVS                              50         TVS <tr tr=""> </tr>	ainage which chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
on National Fo COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	Specific 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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-I acute  6.5 - 9.0  () () 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 ibutaries and wetlands with 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 Molybdenum(T) Nickel	TVS         in the Plum Creek draw         acute            340            340            50         TVS(tr)         50         TVS         TVS         TVS         50         TVS             50	ainage which chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	Physical and         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         Sulfate	Biological DM CS-1 acute   6.5 - 9.0  6.5 - 9.0   () CM   0.019 0.005 10  10     	MWAT           CS-I           chronic           6.0           7.0           126           126           0.01           126           0.011              0.05           0.11           WS	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS         in the Plum Creek dra         acute            340            340            340            50         TVS         TVS         TVS         50         TVS            TVS            TVS            TVS            TVS	ainage which chronic  0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
n National Fe COSPUS08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	Specific 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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-I acute  6.5 - 9.0  () () 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 ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS         in the Plum Creek draw         acute            340            340            50         TVS(tr)         5.0            50         TVS         TVS         50         TVS            TVS            TVS            TVS            TVS                        TVS	ainage which chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS
n National Fe COSPUS08 Designation Reviewable Rualifiers: Dther: Temporary M Irsenic(chron	Interpret Lands, except for the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply InterPret Supply InterPr	Physical and         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         Sulfate	Biological DM CS-1 acute   6.5 - 9.0  6.5 - 9.0   () 0.0 0.0 0.0 0.0 10  10     	MWAT           CS-I           chronic           6.0           7.0           126           126           0.01           126           0.011              0.05           0.11           WS	Zinc ibutaries and wetlands with Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS         in the Plum Creek dra         acute            340            340            340            50         TVS         TVS         TVS         50         TVS            TVS            TVS            TVS            TVS	ainage which chronic  0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 100

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

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

t = total tr = trout

COSPUS09	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(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPUS10A	Classifications	Physical and	Biological		N	letals (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		
ther:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Femporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	c) = hybrid	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
Copper(ac/ch)	= current condition*	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	e of 12/31/2018	Boron		0.75	Copper	TVS	TVS
Manganese(ch condition*	nronic) = current	Chloride		250	Iron		WS
	e of 6/30/2019	Chlorine	0.019	0.011	Iron(T)		1000
temperature(D condition*	M/MWAT) = current 12/1 - 2/29	Cyanide	0.005		Lead	TVS	TVS
	e of 12/31/2020	Nitrate	10		Lead(T)	50	
'	(mg/m <sup>2</sup> )(chronic) = applies only above	Nitrite		0.5	Manganese	TVS	TVS/WS
he facilities lis	ted at 38.5(4).	Phosphorus		0.17*	Mercury		0.01(t)
Phosphorus(c	chronic) = applies only above the $38.5(4)$	Sulfate		WS	Molybdenum(T)		150
TempMod: Co	opper = East Plum Creek and Plum	Sulfide		0.002	Nickel	TVS	TVS
	ne PCWRA discharge. anganese = applies to the manganese				Nickel(T)		100
VS standard.	с с				Selenium	TVS	TVS
TempMod: te Creek and Plu	mperature(12/1 - 2/29) = East Plum m Creek below the PCWRA				Silver	TVS	TVS
discharge.					Uranium		
					Zinc	TVS	TVS

10b. Deleted.							
COSPUS10B	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	-		DM	MWAT		acute	chronic
• •••							
Qualifiers:		-	acute	chronic			
Other:							
		Inorganic (m		ohronio			
			acute	chronic			
11a. All tributa	ries to the East Plum Creek system, ir	Including all wetlands which are not on	national forest	lands.			
COSPUS11A	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 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorganic (m	g/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		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

-	, i i i i i i i i i i i i i i i i i i i	ncluding all wetlands, which are no	t on national fore	st lands, exc	ept for specific listings in Se	gments 9 and 12.	
COSPUS11B	Classifications	Physical and Bi	ological		M	letals (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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
	2	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
*chlorophyll a the facilities lis	(mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus(c	chronic) = applies only above the	Inorganic	(mg/L)		Chromium III(T)		100
facilities listed	at 56.5(4).		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		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
	of Garber Creek and Jackson Creek fro servoir, a.k.a. Waucondah Reservoir, to			Ifluence with	West Plum Creek; mainster	m of Bear Creek from	n the outlet of
COSPUS12	Classifications	Physical and Bi			м	letals (ug/L)	
Designation			DM				
	Aariculture			MWAT		acute	chronic
Reviewable	Agriculture Ag Life Warm 1	Temperature °C		MWAT WS-I	Aluminum	acute	chronic
-		Temperature °C	WS-I	MWAT WS-I chronic	Aluminum Arsenic		
-	Aq Life Warm 1			WS-I	Arsenic		
-	Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	WS-I acute	WS-I chronic	Arsenic Arsenic(T)	 340	
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH	WS-I acute 	WS-I chronic 5.0	Arsenic Arsenic(T) Beryllium	 340 	  0.02 
Reviewable Qualifiers: Other:	Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	WS-I acute  6.5 - 9.0	WS-I chronic 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium	 340   TVS	
Reviewable Qualifiers: Other: Temporary Mo	Aq Life Warm 1 Recreation E Water Supply odification(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) Beryllium	 340 	 0.02  TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	WS-I acute  6.5 - 9.0  (mg/L)	WS-I chronic 5.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s):	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	WS-I acute  6.5 - 9.0  (mg/L) acute	WS-I chronic 5.0  150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS 5.0	 0.02  TVS  TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	WS-I acute  6.5 - 9.0  (mg/L)	WS-I chronic 5.0  150 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS 5.0  50	 0.02  TVS  TVS 
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	WS-I acute  6.5 - 9.0  (mg/L) acute TVS	WS-I           chronic           5.0              150           126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	WS-I acute  6.5 - 9.0  (mg/L) acute TVS 	WS-I 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	 340  TVS 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	WS-I acute  6.5 - 9.0  (mg/L) acute TVS  CNS	WS-I 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)	 340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005	WS-I           chronic           5.0           120           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 	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-I acute  6.5 - 9.0  (mg/L) (mg/L) TVS  TVS 0.019 0.005	WS-I         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)	 340  TVS 5.0  50 TVS TVS TVS   TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005	WS-I           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)	 340  TVS 5.0  50 TVS TVS   TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I         chronic         5.0         150         126         Chronic         TVS         0.75         250         0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I chronic 5.0 150 126 <b>Chronic</b> 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	 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
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.5           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 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 WS 1000 TVS 
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.5           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 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 1000 TVS 0.01(t) 150 TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.5           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 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  TVS/WS 0.01(t) 150 TVS 100 TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.5           0.17           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS 
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Aq Life Warm 1 Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I           chronic           5.0           150           126           chronic           TVS           0.75           250           0.011              0.5           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 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  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS 

	of Deer Creek, including the North and	South Forks, from the source to	Chatfield Reservo	ir.			
COSPUS13	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Ounde		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
14 Mainstem	of the South Platte River from the outle	et of Chatfield Reservoir to the Bu	rlington Ditch dive	rsion in Den		173	103
	Classifications	Physical and B	-			Metals (ug/L)	
Designation	Agriculture		DM				
1				MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I*	WS-I*	Aluminum	acute	chronic
Reviewable	Aq Life Warm 1 Recreation E	Temperature °C			Aluminum Arsenic		
		Temperature °C D.O. (mg/L)	WS-I*	WS-I*	-		
	Recreation E		WS-I* acute	WS-I* chronic	Arsenic	 340	
Qualifiers:	Recreation E	D.O. (mg/L) pH	WS-I* acute 	WS-I* chronic 5.0	Arsenic Arsenic(T)	 340 	  0.02 
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-I* acute  6.5 - 9.0	WS-I* <b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	 340   TVS	  0.02
<b>Qualifiers:</b> Other: Temporary Mo	Recreation E Water Supply odification(s):	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	WS-I* acute  6.5 - 9.0 	WS-I* chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340 	 0.02  TVS 
Qualifiers: Other: Temporary Mo Arsenic(chroni	Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-I* acute  6.5 - 9.0  	WS-I* chronic 5.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS 5.0 	  0.02  TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Recreation E Water Supply odification(s): ic) = hybrid ee of 12/31/2021	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	WS-I* acute  6.5 - 9.0  (mg/L) acute	WS-I* 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 
Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Date Chloride(chror	Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	WS-I* acute  6.5 - 9.0   t (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 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chror temperature(D condition	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 hic) = current condition DM/MWAT) = current 12/1 - 2/13	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	WS-I* acute  6.5 - 9.0  (mg/L) acute TVS 	WS-I*         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 	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chror temperature(D condition	Recreation E Water Supply odification(s): ic) = hybrid ic of 12/31/2021 nic) = current condition	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	WS-I* acute 6.5 - 9.0 (mg/L) 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 Copper	 340  TVS 5.0  50 TVS  TVS*	 0.02  TVS  TVS TVS TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chror temperature(D condition Expiration Date *Copper(acute	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	WS-I*           acute              6.5 - 9.0                 (mg/L)           TVS              0.019	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 Copper Iron	 340  TVS 5.0  50 TVS  TVS* 	 0.02  TVS  TVS  TVS TVS*  WS
Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Date Chloride(chror temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	WS-I*           acute              6.5 - 9.0                 (mg/L)           acute           TVS              0.019           0.005	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 Copper Iron Iron(T)	 340  TVS 5.0  50 TVS  TVS* 	 0.02  TVS  TVS TVS TVS*  WS 1000
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 s) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-I*           acute              6.5 - 9.0              6.5           6.5              6.5           TVS              0.019           0.005           10	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 Copper Iron Iron(T) Lead	 340  TVS 5.0  50 TVS  TVS*  TVS*	 0.02  TVS  TVS  TVS TVS*  WS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chror temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream oi *Copper(chron Cu FMB(ch)=2	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           0.019           0.005           10	WS-I*           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 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 
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 ie of 12/31/2020 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-I*           acute              6.5 - 9.0                 (mg/L)           acute           TVS              0.019           0.005           10	WS-I* 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 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/190
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chror temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream oi *Copper(chron Cu FMB(ch)=2	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS 5.0  50 TVS  TVS*  TVS* 50 TVS 50 TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS  TVS/190 0.01(t)
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-I*           acute              6.5 - 9.0                 (mg/L)           acute           TVS              0.019           0.005           10	WS-I* 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 Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0  50 TVS  TVS*  TVS 50 TVS  TVS    	 0.02  TVS TVS TVS* TVS* WS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 150
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0  50 TVS  TVS*  TVS* 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS*  WS 1000 TVS 1000 TVS/190 0.01(t) 150 TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0  50 TVS  TVS*  TVS 50 TVS  TVS    	 0.02  TVS TVS TVS* TVS* WS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 150
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS 5.0  50 TVS  TVS*  TVS* 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS 1000 TVS 1000 TVS/190 0.01(t) 150 TVS
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(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  TVS/190 0.01(t) 150 TVS 100
Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Date Chloride(chron temperature(D condition Expiration Date *Copper(acute Cu FMB(ac)=3 downstream of *Copper(chron Cu FMB(ch)=2 downstream of *Temperature	Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WS-I*           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	WS-I*           chronic           5.0              126           chronic           TVS           0.75           250           0.011              0.5           0.5           WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS 5.0  50 TVS  TVS*  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS  TVS 50 TVS	 0.02  TVS  TVS TVS*  WS 1000 TVS 1000 TVS  TVS/190 0.01(t) 150 TVS 100 TVS

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

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

t = total

tr = trout

COSPUS15					ly below the confluence with	3 )	
	Classifications	Physical and	Biological		Ν	/letals (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)	varies*	varies*	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.0-9.0*		Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Chloride(chror	nic) = current condition	E. Coli (per 100 mL)		126	Chromium III		TVS
Sulfate(chronic	c) = current condition				Chromium III(T)	50	
temperature(D condition	PM/MWAT) = current	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	e of 12/31/2020		acute	chronic	Copper		TVS*
•	ecific Variance(s):	Ammonia	TVS*	TVS*	Copper	TVS*	
с ,	te) = TVS: no limit	Boron		0.75	Iron		WS
	onic) = TVS: 24 µg/L	Chloride		250	Iron(T)		1000
	e of 12/31/2023	Chlorine	0.019	0.011	Lead	TVS	TVS
*Ammonia(acu	ute) = See attached table for site-	Cyanide	0.005		Lead(T)	50	
specific standa	ards.	Nitrate	10		Manganese	TVS	TVS/400
specific standa	onic) = See attached table for site- ards.	Nitrite		1.0	Mercury		0.01(t)
*Copper(acute Cu FMB(ac)=3	e) = Copper BLM-based FMB	Phosphorus			Molybdenum(T)		150
Downstream o	of the Metro Hite WWTF outfall.	Sulfate		WS	Nickel	TVS	TVS
*Copper(chron Cu FMB(ch)= 3	nic) = Copper BLM-based FMB 23.5 ug/l	Sulfide		0.002	Nickel(T)		100
Downstream o	of the Metro Hite WWTF outfall.				Selenium	TVS	TVS
*D.O. (mg/L)(a specific standa	acute) = See attached table for site- ards.				Silver	TVS	TVS
					Uranium		
	ecific standards. .O. (mg/L)(chronic) = See attached table for site- ecific standards.				oranium		
	ards. 6.0 - 9.0 from 64th Ave. downstream 2				Zinc	TVS	TVS
*pH(acute) = 6 miles	6.0 - 9.0 from 64th Ave. downstream 2						
*pH(acute) = 6 miles *Variance: Sel	6.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details.				Zinc		
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr	6.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. n of Sand Creek from the confluence of	f Murphy and Coal Creek in Arap	-	e confluence	Zinc with the Toll Gate Creek.	TVS	
*pH(acute) = 6 miles *Variance: Sel 16a. Mainstem COSPUS16A	<ul> <li>5.0 - 9.0 from 64th Ave. downstream 2</li> <li>enium = see 38.6(6) for details.</li> <li>of Sand Creek from the confluence of</li> <li>Classifications</li> </ul>		Biological		Zinc with the Toll Gate Creek.	T∨S /letals (ug/L)	TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture	f Murphy and Coal Creek in Arap Physical and	Biological DM	MWAT	Zinc with the Toll Gate Creek.	T∨S Metals (ug/L) acute	TVS chronic
*pH(acute) = 6 miles *Variance: Sel 16a. Mainstem COSPUS16A	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap	Biological DM WS-II	MWAT WS-II	Zinc with the Toll Gate Creek.	TVS Metals (ug/L) acute 	TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture	f Murphy and Coal Creek in Arap Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Zinc with the Toll Gate Creek.	TVS Metals (ug/L) acute  340	TVS chronic 
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Zinc with the Toll Gate Creek. N Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L)  340 	TVS chronic  100
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L)  340  	TVS chronic  100 
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Zinc with the Toll Gate Creek. N Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS	TVS chronic  100  TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS Metals (ug/L) acute  340  TVS TVS TVS	TVS chronic  100  TVS TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0   ic (mg/L)	MWAT WS-II chronic 5.0  126	Zinc with the Toll Gate Creek. N Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS TVS TVS 	TVS chronic  100  TVS TVS 100
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute	MWAT WS-II chronic 5.0  126 chronic	Zinc with the Toll Gate Creek. N Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T)	TVS Metals (ug/L) acute  340  TVS TVS TVS  TVS	TVS chronic  100  TVS TVS 100 TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS	MWAT WS-II chronic 5.0  126 chronic TVS	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS TVS TVS  TVS TVS TVS TVS	TVS chronic  100  TVS TVS 100 TVS 100 TVS TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT WS-II chronic 5.0  126 chronic TVS 0.75	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T)	TVS Metals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic  100  TVS TVS 100 TVS TVS 100 TVS 1000
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead	TVS Metals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT WS-II chronic 5.0  126 chronic TVS 0.75	Zinc with the Toll Gate Creek. 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  TVS TVS TVS TVS TVS  TVS TVS TVS 	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	TVS  Metals (ug/L)  acute  340 340 TVS	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	MWAT WS-II chronic 5.0  126 chronic TVS 0.75  0.011	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS  Metals (ug/L)  acute  340 340 TVS	TVS chronic  100  TVS TVS 100 TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  126 chronic TVS 0.75  0.011 	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	MWAT WS-II chronic 5.0  126 chronic TVS 0.75  0.011  	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS  Metals (ug/L)  acute  340 340 TVS	TVS chronic  100  TVS TVS 100 TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	MWAT WS-II chronic 5.0  126 chronic TVS 0.75  0.011  0.5	Zinc with the Toll Gate Creek. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
*pH(acute) = 6 miles *Variance: Sel 16a. Mainsterr COSPUS16A Designation Reviewable Qualifiers:	5.0 - 9.0 from 64th Ave. downstream 2 enium = see 38.6(6) for details. In of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	f Murphy and Coal Creek in Arap Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75  0.011  0.5 	Zinc with the Toll Gate Creek.  Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS  Metals (ug/L)  Acute  340  340  TVS	TVS chronic

16b. Aurora R	Reservoir.						
COSPUS16B	Classifications	Physical and E	Biological		М	etals (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 N	Iodification(s):	Inorgani	c (mg/L)		Chromium III		TVS
Arsenic(chron	nic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Da	te of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			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
	aries to the South Platte River, including gs in the subbasins of the South Platte F				nmediately below the conflue		
	Classifications	Physical and E		, , <b>, ,</b>		etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
*chlorophyll a	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus(	chronic) = applies only above the	Inorgani	c (ma/L)		Chromium III(T)		100
facilities listed	d at 38.5(4).		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	0.019		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		INITALE	100		Nickel		TVS
		Nitrito		05		IVe	
		Nitrite		0.5		TVS	
		Phosphorus		0.17*	Selenium	TVS	TVS
		Phosphorus Sulfate		0.17*	Selenium Silver	TVS TVS	TVS TVS
		Phosphorus		0.17*	Selenium	TVS	TVS

16d. Second (		ana.					
COSPUS16D	Classifications	Physical and	Biological		M	etals (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)		3.3*	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
*chlorophyll a the facilities lis	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the $28.5(4)$	Inorgan	iic (mg/L)		Chromium III(T)		100
*D.O. (mg/L)(0	chronic) = 15th percentile of D.O.		acute	chronic	Chromium VI	TVS	TVS
measurement 6:30 p.m.	s collected between 6:30 a.m. and	Ammonia	TVS	TVS	Copper	TVS	TVS
0.00 p		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
16e. Third Cre	eek from the source to the O'Brian Cana	al.			Zinc	TVS	TVS
	eek from the source to the O'Brian Cana	al. Physical and	Biological			TVS	TVS
			Biological	MWAT			TVS
COSPUS16E	Classifications			MWAT WS-III		etals (ug/L)	
COSPUS16E Designation	Classifications Agriculture	Physical and	DM		M	etals (ug/L) acute	chronic
COSPUS16E Designation	Classifications Agriculture Aq Life Warm 2	Physical and	DM WS-III	WS-III	Aluminum	etals (ug/L) acute 	chronic 
COSPUS16E Designation UP	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C	DM WS-III acute	WS-III chronic	Aluminum Arsenic	etals (ug/L) acute  340	chronic 
COSPUS16E Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	DM WS-III acute	WS-III chronic 4.0*	Aluminum Arsenic Arsenic(T)	etals (ug/L) acute  340 	<b>chronic</b>   100
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(d	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH	DM WS-III acute  6.5 - 9.0	WS-III chronic 4.0*	M Aluminum Arsenic Arsenic(T) Beryllium	etals (ug/L) acute  340 	<b>chronic</b>   100 
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(d	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-III acute  6.5 - 9.0 	WS-III chronic 4.0* 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	etals (ug/L) acute  340   TVS	chronic  100  TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-III acute  6.5 - 9.0 	WS-III chronic 4.0* 	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	etals (ug/L) acute  340   TVS TVS	chronic  100  TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-III acute  6.5 - 9.0   tic (mg/L)	WS-III chronic 4.0*  126	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	etals (ug/L) acute  340  TVS TVS TVS	chronic                 100              TVS           TVS           100
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute	WS-III chronic 4.0*  126 chronic	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	etals (ug/L) acute  340  TVS TVS TVS  TVS	chronic  100  TVS TVS 100 TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	DM WS-III acute  6.5 - 9.0   ic (mg/L) acute TVS	WS-III chronic 4.0*  126 chronic TVS	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	etals (ug/L) acute  340  TVS TVS TVS  TVS	chronic  100  TVS TVS 100 TVS 100 TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-III acute  6.5 - 9.0   ic (mg/L) acute TVS 	WS-III       chronic       4.0*          126       chronic       TVS       0.75	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T)	etals (ug/L) acute  340  TVS TVS  TVS TVS TVS TVS	chronic  100  TVS TVS 100 TVS TVS 1000
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute TVS  	WS-III chronic 4.0*  126 chronic TVS 0.75 	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	etals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	chronic              100              100              100           TVS           100           TVS           100           TVS           100           TVS           100           TVS           100           TVS           1000           TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute TVS   0.019	WS-III chronic 4.0*  126 Chronic TVS 0.75  0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	etals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	chronic              100              100              TVS           100           TVS           100           TVS           100           TVS           100           TVS           100           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WS-III acute  6.5 - 9.0    bic (mg/L) acute TVS   0.019 0.005	WS-III chronic 4.0* 126 chronic TVS 0.75  0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	etals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS  TVS TVS 	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	WS-III         chronic         4.0*            126         chronic         TVS         0.75            0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	etals (ug/L) acute  340  TVS TVS TVS TVS TVS  TVS TVS TVS  TVS 	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	WS-III         chronic         4.0*            126         Chronic         TVS         0.75            0.011            0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	etals (ug/L) acute  340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(( measurement	Classifications Agriculture Aq Life Warm 2 Recreation E chronic) = 15th percentile of D.O.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-III acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100 	WS-III chronic 4.0* 126 Chronic TVS 0.75 0.011 0.011  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	etals (ug/L) acute	chronic              100              100              TVS           100           TVS           100           TVS           100           TVS           100           TVS           0.01(t)           150           TVS           TVS

Tor. Barr Lake	Tributary from the source to the Denve	Huuson Canal.					
COSPUS16F	Classifications	Physical and	l Biological		N	letals (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:		рН	6.5 - 9.0		Beryllium		
	, , 2, ,	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus(c facilities listed	chronic) = applies only above the $28.5(4)$	Inorgai	nic (mg/L)		Chromium III(T)		100
*D.O. (mg/L)(c	hronic) = When water is present, D.O.		acute	chronic	Chromium VI	TVS	TVS
concentrations protect classifi	shall be maintained at levels that ed uses	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
16g. Marcy Gu	Ilch, including all wetlands from the sou	rce to the confluence with the	South Platte.		-		
COSPUS16G	Classifications	Physical and	l Biological		N	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
	M/MWAT) = current 12/1 - 2/29	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
condition*							
Expiration Date	e of 12/31/2020	Inorgai	nic (mg/L)		Chromium III(T)		100
	e of 12/31/2020	Inorga	nic (mg/L) acute	chronic	Chromium III(T) Chromium VI		100 TVS
	) = Copper BLM-based FMB	Inorga Ammonia		chronic TVS			
*Copper(acute Cu FMB(ac)=6 below the Cen	e) = Copper BLM-based FMB 57.1 ug/l tennial WWTF.	-	acute		Chromium VI	 TVS	TVS
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4	e) = Copper BLM-based FMB 57.1 ug/l tennial WWTF. iic) = Copper BLM-based FMB I3.3 ug/l	Ammonia	acute TVS	TVS	Chromium VI Copper	 TVS 	TVS TVS*
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen	e) = Copper BLM-based FMB 57.1 ug/l tennial WWTF. iic) = Copper BLM-based FMB 13.3 ug/l tennial WWTF.	Ammonia Boron	acute TVS 	TVS 0.75	Chromium VI Copper Copper	 TVS  TVS*	TVS TVS*
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo	e) = Copper BLM-based FMB 57.1 ug/l tennial WWTF. iic) = Copper BLM-based FMB 13.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations.	Ammonia Boron Chloride	acute TVS 	TVS 0.75 	Chromium VI Copper Copper Iron(T)	 TVS  TVS* 	TVS TVS*  1000
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo	e) = Copper BLM-based FMB 57.1 ug/l tennial WWTF. iic) = Copper BLM-based FMB 13.3 ug/l tennial WWTF. tte) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for	Ammonia Boron Chloride Chlorine	acute TVS  0.019	TVS 0.75  0.011	Chromium VI Copper Copper Iron(T) Lead	 TVS  TVS*  TVS	TVS TVS*  1000 TVS
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo *TempMod: tei	<ul> <li>a) = Copper BLM-based FMB</li> <li>57.1 ug/l</li> <li>tennial WWTF.</li> <li>iic) = Copper BLM-based FMB</li> <li>i3.3 ug/l</li> <li>tennial WWTF.</li> <li>tennial WWTF.</li> <li>tensial WWTF.</li> <li>tensial Section 38.6(4)(b) for cations.</li> <li>onic) = See section 38.6(4)(b) for cations.</li> <li>mperature(12/1 - 2/29) = downstream</li> </ul>	Ammonia Boron Chloride Chlorine Cyanide	acute TVS  0.019 0.005	TVS 0.75  0.011 	Chromium VI Copper Copper Iron(T) Lead Manganese	 TVS  TVS*  TVS TVS	TVS TVS*  1000 TVS TVS
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo	<ul> <li>a) = Copper BLM-based FMB</li> <li>57.1 ug/l</li> <li>tennial WWTF.</li> <li>iic) = Copper BLM-based FMB</li> <li>i3.3 ug/l</li> <li>tennial WWTF.</li> <li>tennial WWTF.</li> <li>tensial WWTF.</li> <li>tensial Section 38.6(4)(b) for cations.</li> <li>onic) = See section 38.6(4)(b) for cations.</li> <li>mperature(12/1 - 2/29) = downstream</li> </ul>	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS  0.019 0.005 100	TVS 0.75  0.011 	Chromium VI Copper Copper Iron(T) Lead Manganese Mercury	 TVS  TVS* TVS TVS 	TVS TVS*  1000 TVS TVS 0.01(t)
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo *TempMod: tei	<ul> <li>a) = Copper BLM-based FMB</li> <li>57.1 ug/l</li> <li>tennial WWTF.</li> <li>iic) = Copper BLM-based FMB</li> <li>i3.3 ug/l</li> <li>tennial WWTF.</li> <li>tennial WWTF.</li> <li>tensial WWTF.</li> <li>tensial Section 38.6(4)(b) for cations.</li> <li>onic) = See section 38.6(4)(b) for cations.</li> <li>mperature(12/1 - 2/29) = downstream</li> </ul>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS  0.019 0.005 100 	TVS 0.75  0.011  0.5	Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	 TVS  TVS*  TVS TVS 	TVS TVS*  1000 TVS TVS 0.01(t) 
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo *TempMod: tei	<ul> <li>a) = Copper BLM-based FMB</li> <li>57.1 ug/l</li> <li>tennial WWTF.</li> <li>iic) = Copper BLM-based FMB</li> <li>i3.3 ug/l</li> <li>tennial WWTF.</li> <li>tennial WWTF.</li> <li>tensial WWTF.</li> <li>tensial Section 38.6(4)(b) for cations.</li> <li>onic) = See section 38.6(4)(b) for cations.</li> <li>mperature(12/1 - 2/29) = downstream</li> </ul>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS  0.019 0.005 100 	TVS 0.75  0.011  0.5 	Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	 TVS  TVS*  TVS TVS  TVS	TVS TVS*  1000 TVS TVS 0.01(t)  TVS
*Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chron Cu FMB(ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo *TempMod: tei	<ul> <li>a) = Copper BLM-based FMB</li> <li>57.1 ug/l</li> <li>tennial WWTF.</li> <li>iic) = Copper BLM-based FMB</li> <li>i3.3 ug/l</li> <li>tennial WWTF.</li> <li>tennial WWTF.</li> <li>tensial WWTF.</li> <li>tensial Section 38.6(4)(b) for cations.</li> <li>onic) = See section 38.6(4)(b) for cations.</li> <li>mperature(12/1 - 2/29) = downstream</li> </ul>	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	acute TVS  0.019 0.005 100  	TVS 0.75  0.011  0.5 	Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	 TVS  TVS*  TVS TVS   TVS 21*	TVS TVS*  1000 TVS TVS 0.01(t)  TVS 13*

16h. Mainstem of West Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with East Toll Gate Creek. Mainstem of East Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with West Toll Gate Creek. Mainstem of Toll Gate Creek, downstream of the confluence of East and West Toll Gate Creeks, to the confluence with Sand Creek.

COSPUS16H	Classifications	Physical and	Biological		N	/letals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6	
Fish Ingestion	n Standards	pН	6.5 - 9.0		Beryllium			
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS	
*	(mg/m <sup>2</sup> )(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS	
the facilities lis	ited at 38.5(4).	Inorgar	nic (mg/L)		Chromium III(T)		100	
*Phosphorus(c facilities listed	chronic) = applies only above the $38.5(4)$		acute	chronic	Chromium VI	TVS	TVS	
*Selenium(acu	te) = See section 38.6(4)(b) for	Ammonia	TVS	TVS	Copper	TVS	TVS	
	dards and assessment locations. onic) = See section 38.6(4)(b) for	Boron		0.75	Iron(T)		1000	
	dards and assessment locations.	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		0.17*	Selenium	varies*	varies*	
		Sulfate			Silver	TVS	TVS	
		Sulfide		0.002	Uranium			
					Zinc	TVS	TVS	
16i. Mainstem	of Sand Creek from the confluence wit	h Toll Gate Creek to the conflu	ence with the South	Platte River.		-	-	
	Classifications	th Toll Gate Creek to the confluence with the South Platte River. Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:	Recreation E	D.O. (mg/L)	acute			340	 100	
		D.O. (mg/L) pH		chronic	Arsenic(T)			
Qualifiers: Fish Ingestior		рН		chronic 5.0	Arsenic(T) Beryllium		100	
Qualifiers: Fish Ingestior Other:	n Standards		 6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic(T) Beryllium Cadmium	  TVS	100 	
Qualifiers: Fish Ingestior Other: Discharger Sp	n Standards ecific Variance(s):	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0 	<b>chronic</b> 5.0  150*	Arsenic(T) Beryllium Cadmium Cadmium(T)		100  TVS 	
Qualifiers: Fish Ingestion Other: Discharger Sp Selenium(acut	n <b>Standards</b> ecific Variance(s): e) = TVS: no limit	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	 6.5 - 9.0   nic (mg/L)	<b>chronic</b> 5.0  150* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0 	100  TVS	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro	n Standards ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 μg/L	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar	 6.5 - 9.0  nic (mg/L) acute	chronic           5.0              150*           126           chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	100  TVS  TVS 	
Qualifiers: Fish Ingestior Other: Discharger Sp Selenium(acut Selenium(chro Expiration Date	n Standards ecific Variance(s): e) = TVS: no limit nic) = TVS: 24 μg/L e of 12/31/2023	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	 6.5 - 9.0   nic (mg/L) acute TVS	chronic           5.0              150*           126           chronic           TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	100  TVS  TVS  TVS	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a	n Standards ecific Variance(s): e) = TVS: no limit nic) = TVS: 24 µg/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0  hic (mg/L) acute TVS 	chronic           5.0              150*           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	100  TVS  TVS  TVS TVS	
Qualifiers: Fish Ingestion Other: Discharger Spr Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	n Standards ecific Variance(s): (e) = TVS: no limit (nic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above (ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	 6.5 - 9.0  ic (mg/L) acute TVS 	chronic           5.0              150*           126           chronic           TVS           0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 TVS 5.0  50 TVS TVS 	100  TVS  TVS TVS TVS 1000	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a the facilities lis *Phosphorus(c facilities listed	n Standards ecific Variance(s): (e) = TVS: no limit (nic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above (ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	 6.5 - 9.0  tic (mg/L) acute TVS   0.019	chronic           5.0              150*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 TVS 5.0  50 TVS TVS  TVS	100  TVS  TVS TVS TVS 1000 TVS	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a the facilities lis *Phosphorus(c facilities listed *Mercury(chroi 38.6(4)	n Standards ecific Variance(s): e) = TVS: no limit nic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). nic) = 0.026 below Brighton Blvd, see )(f) for mercury assessment locations	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  •ic (mg/L) acute T\/S  0.019 0.005	chronic         5.0            150*         126         chronic         TVS         0.75            0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS  TVS 50	100  TVS  TVS TVS 1000 TVS 	
Qualifiers: Fish Ingestion Other: Discharger Sp Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium(acu	n Standards ecific Variance(s): e) = TVS: no limit nic) = TVS: 24 µg/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). nic) = 0.026 below Brighton Blvd, see	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0   hic (mg/L) acute TVS  0.019 0.005 10	chronic           5.0              150*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS	100  TVS  TVS TVS 1000 TVS  TVS	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium(acu selenium stanc *Selenium(chro	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10	chronic           5.0              150*           126           chronic           TVS           0.75              0.011              0.5	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	100  TVS  TVS TVS 1000 TVS  TVS 0.026(t)*	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit nic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). nic) = 0.026 below Brighton Blvd, see )(f) for mercury assessment locations te) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  itic (mg/L) acute TVS  0.019 0.005 10 10 	chronic           5.0              150*           126           chronic           TVS           0.75              0.011              0.5           0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t)	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  itic (mg/L) acute TVS  0.019 0.005 10 10 	chronic           5.0              150*           126           chronic           TVS           0.75              0.011              0.5           0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Nolybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	100  TVS  TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150 TVS	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS    TVS	100  TVS  TVS TVS 1000 TVS  TVS 0.026(t)* 0.01(t) 150 TVS 100	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS    TVS  TVS	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150 TVS 100 Varies*	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS   Varies*	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150 TVS 0.02(t)* 0.01(t)	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS    TVS  TVS	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150 TVS 100 Varies*	
Qualifiers: Fish Ingestion Other: Discharger Spi Selenium(acut Selenium(chro Expiration Date *chlorophyll a ( the facilities listed *Phosphorus(c facilities listed *Mercury(chro section 38.6(4) *Selenium stanc *Selenium stanc	ecific Variance(s): e) = TVS: no limit inic) = TVS: 24 $\mu$ g/L e of 12/31/2023 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hic) = 0.026 below Brighton Blvd, see (f) for mercury assessment locations ite) = See section 38.6(4)(f) for dards and assessment locations. onic) = See section 38.6(4)(f) for dards and assessment locations.	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   hic (mg/L) acute TVS TVS  0.019 0.005 10 10  10	chronic         5.0            150*         126         chronic         TVS         0.75            0.011            0.5         0.17*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS   Varies*	100  TVS  TVS TVS 1000 TVS 1000 TVS 0.026(t)* 0.01(t) 150 TVS 0.02(t)* 0.01(t)	

	i, Lille's Cieek, big Diy Cieek (Dougia	s and Arapahoe Counties), and	Little Dry Creek, inc	cluding all we	etlands from the source to	the confluence with th	e South Platte.
COSPUS16J	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 <sup>A</sup>
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	Inorgani	c (mg/L)		Chromium III		TVS
*Phosphorus(c facilities listed	chronic) = applies only above the $28.5(4)$		acute	chronic	Chromium III(T)	50	
*Selenium(acu	ite) = 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
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
16k. Mainstem	of Lakewood Gulch from the source to	the confluence with the South	Platte.				
COSPUS16K	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	
Qualifiers:		D.O. (mg/L)					
		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pH	 6.5 - 9.0	5.0	Arsenic(T) Beryllium		7.6
	2						
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4).	рН	6.5 - 9.0		Beryllium		
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	 150*	Beryllium Cadmium	 TVS	 TVS
*chlorophyll a ( the facilities lis	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0  	 150*	Beryllium Cadmium Chromium III	 TVS TVS	TVS TVS
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0  ic (mg/L)	 150* 126	Beryllium Cadmium Chromium III Chromium III(T)	 TVS TVS 	 TVS TVS 100
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0  ic (mg/L) acute	 150* 126 chronic	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	 TVS TVS  TVS	TVS TVS 100 TVS
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0  c (mg/L) TVS	 150* 126 <b>chronic</b> TVS	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	 TVS TVS  TVS TVS	 TVS TVS 100 TVS TVS
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0  ic (mg/L) acute TVS 	 150* 126 <b>chronic</b> TVS 0.75	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 TVS TVS  TVS TVS 	 TVS TVS 100 TVS TVS 1000
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0  ic (mg/L) acute TVS 	 150* 126 <b>chronic</b> TVS 0.75 	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 TVS TVS  TVS TVS  TVS	TVS TVS 100 TVS TVS 1000 TVS
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0  ic (mg/L) TVS   0.019	 150* 126 <b>chronic</b> TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	 TVS TVS  TVS TVS  TVS TVS	 TVS TVS 100 TVS TVS 1000 TVS 
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) 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 0.011 	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	 TVS TVS  TVS TVS TVS TVS TVS TVS 	 TVS TVS 100 TVS TVS 1000 TVS  0.01(t)
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	 150* 126 <b>chronic</b> TVS 0.75 0.011  0.011	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	 TVS TVS  TVS TVS TVS TVS 	 TVS TVS 100 TVS TVS 1000 TVS  0.01(t) 150
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  ic (mg/L) TVS  0.019 0.005 100 	 150* 126 <b>chronic</b> TVS 0.75 0.011 0.011	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	 TVS TVS  TVS TVS TVS TVS  TVS TVS	 TVS TVS 100 TVS TVS 1000 TVS  0.01(t) 150 TVS
*chlorophyll a ( the facilities lis *Phosphorus(c	ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  ic (mg/L) ic (mg/L) i	 150* 126 <b>chronic</b> TVS 0.75 0.011  0.5 0.17*	Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	 TVS TVS  TVS TVS TVS TVS  TVS TVS TVS	 TVS TVS 100 TVS TVS 1000 TVS  0.01(t) 150 TVS TVS

-		ocky Mountain Lake, Berkely Lake.					
COSPUS17A	Classifications	Physical and	Biological		м	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pН	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		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		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
17b. Sloan's L		-					
COSPUS17B	Classifications	Physical and	Biological		м	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E						
Oundlift	Recication E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)	acute	chronic 5.0	Arsenic Arsenic(T)		7.6
Qualifiers: Other:		D.O. (mg/L) pH				340	
				5.0	Arsenic(T)	340	7.6
		рН	 6.5 - 9.0	5.0	Arsenic(T) Beryllium	340  	7.6
		pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0  	Arsenic(T) Beryllium Cadmium	340   TVS	7.6  TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0  	Arsenic(T) Beryllium Cadmium Chromium III	340   TVS TVS	7.6  TVS TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0  ic (mg/L)	5.0   126	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	340  TVS TVS 	7.6  TVS TVS 100
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0  ic (mg/L) acute	5.0  126 chronic	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	340  TVS TVS  TVS	7.6  TVS TVS 100 TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	 6.5 - 9.0  ic (mg/L) acute TVS	5.0  126 chronic TVS	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	340  TVS TVS  TVS TVS	7.6  TVS TVS 100 TVS TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0  ic (mg/L) acute TVS 	5.0  126 <b>chronic</b> TVS 0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	340  TVS TVS  TVS TVS TVS	7.6  TVS TVS 100 TVS TVS 1000
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	 6.5 - 9.0  ic (mg/L) acute TVS 	5.0  126 <b>chronic</b> TVS 0.75 	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	340  TVS TVS  TVS TVS  TVS	7.6  TVS TVS 100 TVS TVS 1000 TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	 6.5 - 9.0  ic (mg/L) ic (mg/L) TVS   0.019	5.0  126 <b>chronic</b> TVS 0.75  0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	340  TVS TVS  TVS TVS  TVS TVS	7.6  TVS TVS 100 TVS TVS 1000 TVS TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	5.0  126 Chronic TVS 0.75  0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	340  TVS TVS  TVS TVS TVS TVS TVS TVS	7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	5.0  126 Chronic TVS 0.75  0.011 	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	340  TVS TVS  TVS TVS  TVS TVS TVS 	7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	5.0  126 <b>chronic</b> TVS 0.75  0.011  0.5	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS	7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
		pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  ic (mg/L) ic (mg/L) acute TVS  0.019 0.005 100	5.0  126 <b>chronic</b> TVS 0.75  0.011  0.5	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS TVS  TVS TVS TVS TVS  TVS TVS  TVS TVS	7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS

17c. Bowles La	ake, a.k.a. Patrick Reservoir or Bow M	ar Lake.					
COSPUS17C	Classifications	Physical and Biolog	gical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	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
		chlorophyll a (ug/L)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorganic (mg	/L)		Copper	TVS	TVS
			acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.5	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
18. Lakes and	reservoirs within the boundaries of the	Lost Creek and Mt. Evans Wilderness	s areas.				
COSPUS18	Classifications	Physical and Biolog	gical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Phosphorus(c	chronic) = applies only to lakes and				Chromium III(T)	50	
reservoirs larg	er than 25 acres surface area.	Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPUS19	Classifications	Physi	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	3/1 - 12/31	CLL*	25.0*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	19.6*	Arsenic	340	
	Water Supply	Temperature °C	4/1 - 12/31	CLL*	19.8* <sup>B</sup>	Arsenic(T)		0.02
	DUWS*	Temperature °C	4/1 - 12/31	CLL*	20.2*	Beryllium		
Qualifiers:		Temperature °C	4/1 - 12/31	CLL*	21.9*	Cadmium	TVS(tr)	TVS
Other:		Temperature °C	4/1 - 12/31	CLL*	22.6*	Cadmium(T)	5.0	
Cemporary M	odification(s):	Temperature °C		CL,CLL	CL,CLL	Chromium III		TVS
Arsenic(chron	ic) = hybrid			acute	chronic	Chromium III(T)	50	
Expiration Da	te of 12/31/2021	D.O. (mg/L)			6.0	Chromium VI	TVS	TVS
chlorophvll a	(ug/L)(chronic) = applies only above	D.O. (spawning)			7.0	Copper	TVS	TVS
he facilities li	sted at 38.5(4), applies only to lakes	рН		6.5 - 9.0		Iron		WS
	arger than 25 acres surface area. DUWS applies to Strontia Springs	chlorophyll a (ug/L)			8*	lron(T)		1000
only. Phosphorus(	chronic) = applies only above the	E. Coli (per 100 mL)			126	Lead	TVS	TVS
acilities listed	at 38.5(4), applies only to lakes and					Lead(T)	50	
	jer than 25 acres surface area. (3/1 - 12/31) = Platte Canyon Res		Inorganic (mg/	′L)		Manganese	TVS	TVS/WS
(MWAT=25.0)				acute	chronic	Mercury		0.01(t)
MWAT=19.6	(4/1 - 12/31) = Antero Reservoir	Ammonia		TVS	TVS	Molybdenum(T)		150
Temperature MWAT=19.8	(4/1 - 12/31) = Elevenmile Reservoir	Boron			0.75	Nickel	TVS	TVS
Temperature	(4/1 - 12/31) = Spinney Mt Reservoi	Chloride			250	Nickel(T)		100
MWAT=20.2) Temperature	(4/1 - 12/31) = Cheesman Reservoir	Chlorine		0.019	0.011	Selenium	TVS	TVS
MWAT=21.9)		Cyanide		0.005		Silver	TVS	TVS(tr)
I emperature MWAT=22.6	(4/1 - 12/31) = Strontia Springs Res	Nitrate		10		Uranium		
,		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.025*			
		Sulfate			WS	1		
		Sulfide			0.002			

COSPUS20	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		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		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

	-	except for specific listings in Segme					
COSPUS21	Classifications	Physical and E	Biological		N	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)		0.02-10 <sup>A</sup>
	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	
*Classification	n: DUWS applies to Aurora Rampart	Inorganio	c (mg/L)		Chromium III		TVS
only.			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	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
22a. Lakes ar	nd reservoirs in watersheds tributary to	the South Platte River from the or	utlet of Chatfield R	eservoir to a	-	-	
· · ·	ecific listings in the subbasins of the So	-		c, 22b, and 2			
	Classifications	Physical and E	-		N	letals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	
	DUWS*	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:	50003	pH	6.5 - 9.0		Beryllium		
Fish Ingestio	n Standards	chlorophyll a (ug/L)			Cadmium	TVS	TVS
	in Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Other:		Inorganio	c (mg/L)		Chromium III		TVS
Temporary M	lodification(s):		acute	chronic	Chromium III(T)	50	
Arsenic(chron	ic) = hybrid	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2021	Boron		0.75	Copper	TVS	TVS
	n: DUWS applies to McLellan and	Chloride		250	Iron		WS
*Classification		Chlorine	0.040	0.011	Iron(T)		1000
Quincy only.	$(T)(chronic) = 210 \mu g/l for Mcl ellan$	Chionne	0.019	0.011			
Quincy only.	(T)(chronic) = 210 ug/L for McLellan	Cyanide	0.019		Lead	TVS	TVS
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan				Lead Lead(T)	TVS 50	TVS 
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide	0.005				TVS  TVS/WS
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate	0.005 10		Lead(T)	50	
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite	0.005 10 	  0.5	Lead(T) Manganese	50 TVS	 TVS/WS
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus	0.005 10 	 0.5 	Lead(T) Manganese Mercury	50 TVS 	 TVS/WS 0.01(t)
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T)	50 TVS 	 TVS/WS 0.01(t) 150
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T) Molybdenum(T)	50 TVS  	 TVS/WS 0.01(t) 150 210*
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T) Molybdenum(T) Nickel	50 TVS   TVS	TVS/WS 0.01(t) 150 210* TVS
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T) Molybdenum(T) Nickel Nickel(T)	50 TVS   TVS 	 TVS/WS 0.01(t) 150 210* TVS 100
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T) Molybdenum(T) Nickel Nickel(T) Selenium	50 TVS   TVS  TVS	 TVS/WS 0.01(t) 150 210* TVS 100 TVS
Quincy only. *Molybdenum	(T)(chronic) = 210 ug/L for McLellan	Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10  	 0.5  WS	Lead(T) Manganese Mercury Molybdenum(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	50 TVS   TVS TVS TVS	TVS/WS 0.01(t) 150 210* TVS 100 TVS TVS

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

D.O. = dissolved oxygen DM = daily maximum

t = total

tr = trout

		y Mountain Arsenal National Wildlife R	-				
COSPUS22B	Classifications	Physical and	Biological		M	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgar	nic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
		ry to the Upper South Platte River and	I within the City and	County of De	enver, except for specific list	tings in the other sub	basins of the
COSPUS23	River and in Segments 17a and 1 Classifications	Physical and	Biological		м	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	5						
	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Aq Life Warm 2 Recreation E	Temperature °C	WL	WL	Aluminum Arsenic		
Qualifiers:	-		acute	chronic	Arsenic	340	
Qualifiers: Fish Ingestio	Recreation E	D.O. (mg/L)	acute 		Arsenic Arsenic(T)	340	
Fish Ingestio	Recreation E	D.O. (mg/L) pH	acute	chronic 5.0	Arsenic Arsenic(T) Beryllium	340  	 7.6 
	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L)	acute  6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS	 7.6  TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) 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 Chromium III	340  	7.6  TVS TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0   nic (mg/L)	<b>chronic</b> 5.0   126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	340  TVS TVS 	 7.6  TVS TVS 100
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar	acute  6.5 - 9.0  nic (mg/L) acute	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
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0   nic (mg/L) acute TVS	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
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0   nic (mg/L) acute TVS 	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	 7.6  TVS TVS 100 TVS TVS 1000
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0  hic (mg/L) acute TVS 	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	 7.6  TVS 100 TVS 1000 TVS 1000 TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0   hic (mg/L) acute TVS   0.019	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 1000 TVS 1000 TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0   hic (mg/L) acute T∨S  CVS  0.019 0.005	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	340  TVS TVS  TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS TVS 0.01(t)
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0   hic (mg/L) acute TVS  0.019 0.005 100	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 Molybdenum(T)	340  TVS TVS  TVS TVS  TVS TVS TVS 	 7.6  TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 100	chronic           5.0              126           chronic           TVS           0.75              0.011              0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   hic (mg/L) acute TVS  0.019 0.005 100	chronic         5.0            126         chronic         TVS         0.75            0.011            0.5            0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS TVS  TVS TVS TVS TVS TVS  TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   hic (mg/L) acute T√S  0.019 0.005 100 100	<pre>chronic 5.0 126 126 chronic TVS 0.75 0.011 0.5 0.5</pre>	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS TVS
Fish Ingestio Other:	Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 100	chronic         5.0            126         chronic         TVS         0.75            0.011            0.5            0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS TVS  TVS TVS TVS TVS TVS  TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 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<sup>1,5,6</sup> 3.0 mg/L (acute)

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

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

1-Day <sup>1,5</sup> 2.0 mg/L (acute)

7-Day Mean of Minimums<sup>1,3</sup>2.5 mg/L

30-Day Average <sup>1.2.</sup> 4.5 mg/L

#### TEMPORARY MODIFICATION

During the period until October 31, 2001, the Segment 15 dissolved oxygen standards from 88<sup>th</sup> 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

<sup>1.</sup> 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.

- <sup>2.</sup> 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 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.
- <sup>3.</sup> The 7-Day Mean minimum is the average of the daily minimums measured at the location on each day during any 7-Day period.
- <sup>4</sup> 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.
- <sup>5.</sup> 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.
- <sup>6.</sup> 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
	$acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$
	chronic $(Apr1 - July31) = \left(\frac{0.0577}{1+10^{7.688} - pH} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN\left(2.85, 1.45 * 10^{0.028(25-T)}\right)$
	$chronic(Aug1 - Mar31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{PH-7.688}}\right) * 1.45 * 10^{0.028*(25-MAX(T, 7))}$

 $NH_3 = old TVS$ 

Warm Water Acute =  $0.62/FT/FPH/2^{(4 \text{ old})}$  in mg/ (N)

	of Cherry Creek from the source of Eas			Reservoir.	1		
COSPCH01	Classifications	Physical and Biol	•		l	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
Temporary N	Iodification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Copper(ac/ch	) = current condition*	Inorganic (n	ig/L)		Chromium III		TVS
Expiration Da	te of 12/31/2020		acute	chronic	Chromium III(T)	50	
*chlorophvll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
the facilities li	sted at 38.5(4).	Boron		0.75	Copper	TVS	TVS
	(chronic) = effective 12/31/2020. above the facilities listed at 38.5(4).	Chloride		250	Iron		WS
*TempMod: C outfall.	Copper = below the PWSD WWTF	Chlorine	0.019	0.011	Iron(T)		1000
outiali.		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
2. Cherry Cre	ek Reservoir.						
COSPCH02	Classifications	Physical and Biol	ogical		· · · · · ·	Metals (ug/L)	
		· · · · · · · · · · · · · · · · · · ·					

COSPCH02	Classifications	Physic	cal and Biologi	ical		Ν	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
Qualifiers:		рН		6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)	7/1 - 9/30		18*	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)			126	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	1	norganic (mg/	L)		Chromium III		TVS
Expiration Dat	e of 12/31/2021			acute	chronic	Chromium III(T)	50	
*chlorophyll a	(ug/L)(chronic) = Season mean	Ammonia		TVS	TVS	Chromium VI	TVS	TVS
concentration	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
in five years.		Chlorine		0.019	0.011	Iron(T)		1000
		Cyanide		0.005		Lead	TVS	TVS
		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

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

t = total

t = trout

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

3 Mainston of		W MEED NEARIYUU U UR COUUDE	HOE WITH THE SOUTH	1 IALE INVEL			
COSPCH03	f Cherry Creek from the outlet of Cherr Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	i nysioai aliu	DM	MWAT		acute	chronic
-	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 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgani	c (mg/L)		Chromium III		TVS
			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		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
				0.1	7.0	TVS	
					Silver	TVS	1.00
					Uranium		
	es to Cherry Creek, including all wetla	nds, from the source of East and	West Cherry Cree	ks to the cor	Uranium Zinc	 TVS	 TVS
Segment 4b.	1			ks to the cor	Uranium Zinc	 TVS Platte River except for sp	 TVS
Segment 4b. COSPCH04A	Classifications	nds, from the source of East and Physical and			Uranium Zinc	 TVS	 TVS becific listings in
Segment 4b. COSPCH04A	1	Physical and	Biological	ks to the cor MWAT WS-II	Uranium Zinc fluence with the South	 TVS Platte River except for sp Metals (ug/L)	 TVS
Segment 4b. COSPCH04A Designation	Classifications Agriculture		Biological DM	MWAT	Uranium Zinc	 TVS Platte River except for sp Metals (ug/L) acute	TVS becific listings in chronic
Segment 4b. COSPCH04A Designation	Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	Uranium Zinc Ifluence with the South Aluminum Arsenic	TVS Platte River except for sp Metals (ug/L) acute	 TVS becific listings in chronic 
Segment 4b. COSPCH04A Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Uranium Zinc Ifluence with the South Aluminum Arsenic Arsenic(T)	 TVS Platte River except for sp Metals (ug/L) acute  340	TVS becific listings in chronic
Segment 4b. COSPCH04A Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Uranium Zinc Ifluence with the South Aluminum Arsenic	 TVS Platte River except for sp Metals (ug/L) acute  340 	TVS Decific listings in Chronic  0.02-10 A
Segment 4b. COSPCH04A Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Uranium Zinc Ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium	 TVS Platte River except for sp Metals (ug/L) acute  340  	 TVS becific listings in chronic  0.02-10 A 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Uranium Zinc fluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Platte River except for sp Metals (ug/L) acute 340 TVS	TVS Decific listings in Chronic  0.02-10 <sup>A</sup>  TVS
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Uranium Zinc Ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS Platte River except for sp Metals (ug/L) acute  340  TVS 5.0	 TVS Decific listings in Chronic  0.02-10 A  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0   c (mg/L)	MWAT WS-II chronic 5.0  150* 126	Uranium Zinc Ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 TVS Platte River except for sp Metals (ug/L)  340  340  TVS 5.0 	 TVS becific listings in chronic  0.02-10 <sup>A</sup>  TVS  TVS
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-II chronic 5.0  150* 126 chronic	Uranium Zinc fluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS Platte River except for sp Metals (ug/L)  340  340  TVS 5.0  50	 TVS becific listings in chronic  0.02-10 <sup>A</sup>  TVS  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0  (mg/L) acute TVS	MWAT WS-II chronic 5.0  150* 126 chronic TVS	Uranium Zinc Iluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS Platte River except for sp Metals (ug/L)  340  340  TVS 5.0  50 TVS	 TVS becific listings in chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L)  TVS 	MWAT           WS-II           chronic           5.0           150*           126           chronic           TVS           0.75	Uranium Zinc Ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS Platte River except for sp Metals (ug/L)  340  340  TVS 5.0  50 TVS TVS	 TVS Decific listings in chronic   0.02-10 A  TVS  TVS  TVS  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT WS-II chronic 5.0  150* 126 chronic TVS 0.75 250	Uranium Zinc ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	 TVS Platte River except for sp Metals (ug/L) acute  340  340  50 TVS 5.0  50 TVS TVS TVS	 Decific listings in    0.02-10 A  TVS  TVS  TVS  TVS  XS  XS  XS XS
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L)  c (mg/L)  0.019	MWAT WS-II chronic 5.0  150* 126 250 0.011	Uranium Zinc illuence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Lead	 TVS Platte River except for sp Metals (ug/L) acute  340  340  TVS 5.0  50 TVS 5.0  50 TVS TVS	 TVS becific listings in chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  150* 126 chronic TVS 0.75 250 0.011 	Uranium Zinc Iluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Lead	 TVS Platte River except for sp Metals (ug/L) acute  340  340  TVS 5.0  50 TVS 5.0  TVS 50 TVS 50	 TVS becific listings in chronic  0.02-10 A  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/	MWAT           WS-II           chronic           5.0           150*           126           Chronic           TVS           0.75           250           0.011	Uranium Zinc ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Lead Lead(T) Manganese	 TVS Platte River except for sp Metals (ug/L) acute  340  340  TVS 50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS	 Decific listings in   0.02-10  0.02-10  
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) TVS  0.019 0.005 10 10	MWAT           WS-II           chronic           5.0           120           150*           126           Chronic           TVS           0.75           250           0.011              0.5	Uranium Zinc ifluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Lead Lead(T) Manganese Mercury	 TVS Platte River except for sp  Metals (ug/L)   Metals (ug/L)   Guide Content of the second of	 TVS occific listings in   0.02-10 A 0.02-10 A  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  TVS  
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute 0.019 0.005 10 10	MWAT           WS-II           chronic           5.0           126           126           Chronic           0.75           250           0.011              0.5           0.5           0.5           0.5           0.17*	Uranium Zinc Ansenic Arsenic Arsenic Arsenic Cadmium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS Platte River except for sp Metals (ug/L)  340  340  50 TVS 5.0  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 TVS becific listings in chronic  0.02-10 A  TVS  TVS  TVS  TVS  TVS  TVS  
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) 0.019 0.005 10 10  10  10 	MWAT           WS-II           chronic           5.0           126           0.75           0.75           0.011              0.50           0.17*           WS	Uranium Zinc Ansenic Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS Platte River except for sp Metals (ug/L)  340  340  TVS 5.0  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 TVS becific listings in chronic  0.02-10 A  TVS 
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) 0.019 0.005 10 10  10  10 	MWAT           WS-II           chronic           5.0           126           0.75           0.75           0.011              0.50           0.17*           WS	Uranium Zinc Junc with the South Calminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS Platte River except for sp Metals (ug/L) acute  340  340  TVS 50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS	 TVS becific listings in chronic  
Segment 4b. COSPCH04A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ited at 38.5(4). chronic) = effective 12/31/2020.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) 0.019 0.005 10 10  10  10 	MWAT           WS-II           chronic           5.0           126           0.75           0.75           0.011              0.50           0.17*           WS	Uranium Zinc Jiluence with the South Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS Platte River except for sp Metals (ug/L)  340  340  17VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 50 7VS 7VS 70 70 70 70 70 70 70 70 70 70 70 70 70	TVS  Decific listings in  Chronic  Chronic

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

t = total

t = totaltr = trout

4b. Collonwoo	a oreek, moldarig an modalies and w	etlands, from the source to Cherry	Creek Reservoil	r			
COSPCH04B	Classifications	Physical and Bic	ological			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 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
*		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	(mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4).	Inorganic (	mg/L)		Chromium III		TVS
	chronic) = effective $12/31/2020$ . bove the facilities listed at $38.5(4)$ .		acute	chronic	Chromium III(T)	50	
*Selenium(acu	ite) = See section 38.6(4)(i) for	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	dards and assessment locations. onic) = See section 38.6(4)(i) for	Boron		0.75	Copper	TVS	TVS
	dards and assessment locations.	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17*	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
5. Lakes and r	eservoirs in the Cherry Creek system f	rom the source of East and West C	herry Creeks to	the confluen			
Segments 2 ar							
COSPCH05	Classifications	Physical and Bio	-		r	Metals (ug/L)	ohronio
-	Agriculture	To and southing 80	DM	MWAT	A I	acute	chronic
Reviewable	Aq Life Warm 2 Recreation E	Temperature °C	WL	WL	Aluminum		
				ahrania	• ·		
Qualifiers:	Water Supply		acute	chronic	Arsenic	340	 
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)	340	  0.02-10 <sup>A</sup>
	Water Supply	рН	 6.5 - 9.0	5.0	Arsenic(T) Beryllium	340  	
Other:	Water Supply	pH chlorophyll a (ug/L)	 6.5 - 9.0 	5.0  20*	Arsenic(T) Beryllium Cadmium	340   TVS	TVS
*chlorophyll a	(ug/L)(chronic) = applies only above	рН chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0  	5.0	Arsenic(T) Beryllium Cadmium Cadmium(T)	340   TVS 5.0	 TVS 
*chlorophyll a the facilities lis	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes	pH chlorophyll a (ug/L)	 6.5 - 9.0  mg/L)	5.0  20* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS 5.0 	TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (	 6.5 - 9.0  mg/L) acute	5.0  20* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS 5.0  50	 TVS  TVS 
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia	 6.5 - 9.0  mg/L)	5.0  20* 126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS 5.0  50 TVS	 TVS  TVS  TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	 6.5 - 9.0  mg/L) acute	5.0  20* 126 <b>chronic</b> TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS 5.0  50 TVS TVS	 TVS  TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	 6.5 - 9.0  mg/L) acute TVS	5.0  20* 126 chronic TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS 	 TVS  TVS TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	 6.5 - 9.0  mg/L) acute TVS 	5.0  20* 126 <b>chronic</b> TVS 0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS 5.0  50 TVS TVS	 TVS  TVS TVS TVS WS 1000
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	 6.5 - 9.0  mg/L) acute TVS 	5.0  20* 126 <b>chronic</b> TVS 0.75 250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS 5.0  50 TVS TVS 	 TVS  TVS TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	 6.5 - 9.0  mg/L) acute TVS  0.019	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS 5.0  50 TVS TVS 	 TVS  TVS TVS TVS WS 1000
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  mg/L) acute TVS  0.019 0.005	5.0  20* 126 Chronic T∨S 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS 5.0  50 TVS TVS  TVS	 TVS  TVS TVS TVS WS 1000
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	5.0  20* 126 Chronic TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS 5.0  50 TVS TVS  TVS 50	 TVS  TVS TVS WS 1000 TVS 
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	5.0  20* 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	340  TVS 5.0  50 TVS TVS   TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 	5.0  20* 126 <b>chronic</b> TVS 0.75 250 0.011  0.011  0.5 0.083*	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 50 TVS	 TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  mg/L) acute TVS TVS 0.019 0.005 10  10 	5.0  20* 126 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  mg/L) acute TVS TVS 0.019 0.005 10  10 	5.0  20* 126 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  mg/L) acute TVS TVS 0.019 0.005 10  10 	5.0  20* 126 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	 TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
*chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  mg/L) acute TVS TVS 0.019 0.005 10  10 	5.0  20* 126 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000

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

t = total

t = totaltr = trout D.O. = dissolved oxygen DM = daily maximum

6. Lakes and r	reservoirs in watersheds tributary t	o Cherry Creek within the City and Co	ounty of Denver.				
COSPCH06	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Fish Ingestio	n Standards	pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgani	c (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		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

	nom the boundary of the	e Mt. Evans Wilderness a	area to the inlet	of Evergree	en Lake.			
COSPBE01A Classificatio			al and Biologi	-			Metals (ug/L)	
Designation Agriculture				DM	MWAT		acute	chronic
Reviewable Aq Life Cold	1	Temperature °C		CS-I	CS-I	Aluminum		
Recreation E				acute	chronic	Arsenic	340	
Water Supply	/	D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Other:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )			150*	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)			126	Chromium III		TVS
Expiration Date of 12/31/202	21					Chromium III(T)	50	
*chlorophyll a (mg/m <sup>2</sup> )(chron	nic) = applies only above	Ir	norganic (mg/l	∟)		Chromium VI	TVS	TVS
the facilities listed at 38.5(4).				acute	chronic	Copper	TVS	TVS
*Phosphorus(chronic) = appl facilities listed at 38.5(4).	lies only above the	Ammonia		TVS	TVS	Iron		WS
		Boron			0.75	Iron(T)		1000
		Chloride			250	Lead	TVS	TVS
		Chlorine		0.019	0.011	Lead(T)	50	
		Cyanide		0.005		Manganese	TVS	TVS/WS
		Nitrate		10		Mercury		0.01(t)
		Nitrite			0.05	Molybdenum(T)		150
		Phosphorus			0.11*	Nickel	TVS	TVS
		Sulfate			WS	Nickel(T)		100
		Sulfide			0.002	Selenium	TVS	TVS
						Silver	TVS	TVS(tr)
						Uranium		
						Zinc	TVS	TVS
1b. Mainstem of Bear Creek								
COSPBE01B Classificatio			eservoir. al and Biologi		MANA/A T		Metals (ug/L)	ohronio
COSPBE01B Classificatio Designation Agriculture	ns	Physic	al and Biologi	DM	MWAT		acute	chronic
COSPBE01B         Classificatio           Designation         Agriculture           Reviewable         Aq Life Cold 2	<b>ns</b> 2	Physic Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II	CS-II	Aluminum	acute	
COSPBE01B         Classificatio           Designation         Agriculture           Reviewable         Aq Life Cold 2           Recreation E         Agriculture	<b>ns</b> 2	Physic	al and Biologi	DM		Arsenic	acute  340	
COSPBE01B Classificatio Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Water Supply	<b>ns</b> 2	Physic Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II CS-II	CS-II 19.3	Arsenic Arsenic(T)	acute  340 	  0.02
COSPBE01B         Classificatio           Designation         Agriculture           Reviewable         Aq Life Cold 2           Recreation E         Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute	CS-II 19.3 chronic	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
COSPBE01B Classificatio Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L)	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute	CS-II 19.3 <b>chronic</b> 6.0	Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS(tr)	  0.02  TVS
COSPBE01B Classificatio Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Other:	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute 	CS-II 19.3 <b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSPBE01B         Classificatio           Designation         Agriculture           Reviewable         Aq Life Cold 2           Recreation E         Water Supply           Qualifiers:         Water + Fish Standards           Other:         Temporary Modification(s):	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute  6.5 - 9.0	CS-II 19.3 <b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	  0.02  TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute  6.5 - 9.0	CS-II 19.3 chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50	 0.02  TVS  TVS 
COSPBE01B         Classificatio           Designation         Agriculture           Reviewable         Aq Life Cold 2           Recreation E         Water Supply           Qualifiers:         Water + Fish Standards           Other:         Temporary Modification(s):	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute  6.5 - 9.0	CS-II 19.3 <b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0 	CS-II 19.3 chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute  6.5 - 9.0  	CS-II 19.3 <b>chronic</b> 6.0 7.0  126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  	CS-II 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(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0   CS L) acute TVS	CS-II 19.3 chronic 6.0 7.0  126 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0   tub acute TVS 	CS-II 19.3 chronic 6.0 7.0  126 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0    L) acute TVS  	CS-II 19.3 chronic 6.0 7.0  126 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  1. 2. 2. 2. 3. 3. 4. 5. 5. 5. 9.0 1. 5. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	CS-II 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  1.2 0.5  0.019 0.005	CS-II 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 Molybdenum(T)	acute	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0   0.019 0.005 10	CS-II 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 Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  10  0.019 0.005 10 	CS-II 19.3 chronic 6.0 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 Molybdenum(T) Nickel Nickel(T)	acute	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10  10 	CS-II 19.3 chronic 6.0 7.0  126 126 0.0 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Agriculture	<b>ns</b> 2	Physic Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  CU 0.01 0.005 10     	CS-II 19.3 chronic 6.0 7.0  126 126 0.0 5 0.0 5 250 0.011  0.05  0.05  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBE01B       Classificatio         Designation       Agriculture         Reviewable       Aq Life Cold 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Physical 2	<b>ns</b> 2	Physic Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute  6.5 - 9.0  6.5 - 9.0  0.5  0.019 0.005 10  10 	CS-II 19.3 chronic 6.0 7.0  126 126 0.0 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

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

D.O. = dissolved oxygen DM = daily maximum

t = total

	k Reservoir.							
COSPBE01C	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	23.3	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Arsenic(chroni		рН		6.5 - 9.0		Chromium III		TVS
	e of 12/31/2021	chlorophyll a (ug/L)	7/1 - 9/30		12.2*	Chromium III(T)	50	
	ug/L)(chronic) = current	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
condition Phosphorus(cl	hronic) = current					Copper	TVS	TVS
condition			Inorganic (mg/	L)		Iron		WS
Expiration Date	e of 12/31/2020			acute	chronic	Iron(T)		1000
	(ug/L)(chronic) = mean concentration	Ammonia		TVS	TVS	Lead	TVS	TVS
	bugh collection of samples that are of the mixed layer during summer	Boron			0.75	Lead(T)	50	
months (July,	August, September) and with an equency of once in five years.	Chloride			250	Manganese	TVS	TVS/WS
	chronic) = mean concentration	Chlorine		0.019	0.011	Mercury		0.01(t)
	ough collection of samples that are of the mixed layer during summer	Cyanide		0.005		Molybdenum(T)		150
months (July, /	August, September) and with an	Nitrate		10		Nickel	TVS	TVS
exceedance fr	equency of once in five years.	Nitrite			0.05	Nickel(T)		100
		Phosphorus	7/1 - 9/30		22.2*	Selenium	TVS	TVS
		Sulfate	111 5/50		WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
		Guinde			0.002	Zinc	TVS	TVS
1d. Evergreen	Laka					1		
I.u. Evergreen	Lake.							
	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
COSPBE01D		Physi	cal and Biolog	ical DM	MWAT		Metals (ug/L) acute	chronic
COSPBE01D	Classifications	Physi Temperature °C	cal and Biolog		MWAT CLL	Aluminum	,	chronic 
COSPBE01D Designation	Classifications Agriculture		cal and Biolog	DM			acute	
COSPBE01D Designation	Classifications Agriculture Aq Life Cold 1		cal and Biolog	DM CLL	CLL	Aluminum	acute	
COSPBE01D Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	cal and Biolog	DM CLL acute	CLL chronic	Aluminum Arsenic	acute  340	
COSPBE01D Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C	cal and Biolog	DM CLL acute	CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	
COSPBE01D Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	cal and Biolog	DM CLL acute 	CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	cal and Biolog	DM CLL acute  6.5 - 9.0	CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	cal and Biolog	DM CLL acute  6.5 - 9.0	CLL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM CLL acute  6.5 - 9.0 	CLL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biolog	DM CLL acute  6.5 - 9.0 	CLL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM CLL acute  6.5 - 9.0   L) acute	CLL chronic 6.0 7.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM CLL acute  6.5 - 9.0  	CLL chronic 6.0 7.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL)		DM CLL acute  6.5 - 9.0   L) acute TVS 	CLL chronic 6.0 7.0  126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride		DM CLL acute  6.5 - 9.0   L) acute TVS  TVS 	CLL chronic 6.0 7.0  126 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine		DM CLL acute  6.5 - 9.0   CL) acute TVS  0.019	CLL 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(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.5 0.019 0.005	CLL 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(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		DM CLL acute  6.5 - 9.0   CU CU CU CU CU CU CU CU CU CU	CLL 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	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		DM CLL acute  6.5 - 9.0   CU CU CU CU CU CU CU CU CU CU	CLL chronic 7.0  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 Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.01 0.005 10  10 	CLL chronic 7.0  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 Molybdenum(T) Nickel	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.5 0.01 0.005 10  10   	CLL chronic 7.0  126 (126) Chronic TVS 0.75 250 0.011  250 0.011 (11)  0.05  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVSWS 0.01(t) 150 TVS 1000 TVS 1000 1000
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.01 0.005 10  10 	CLL chronic 7.0  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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS.WS TVS/WS TVS/WS TVS/WS TVS/WS TVS/WS
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.5 0.01 0.005 10  10   	CLL chronic 7.0  126 (126) Chronic TVS 0.75 250 0.011  250 0.011 (11)  0.05  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TV 5	0.02 TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1
COSPBE01D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.5 0.01 0.005 10  10   	CLL chronic 7.0  126 (126) Chronic TVS 0.75 250 0.011  250 0.011 (11)  0.05  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS.WS TVS/WS TVS/WS TVS/WS TVS/WS TVS/WS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

D.O. = dissolved oxygen DM = daily maximum

		et of Evergreen Lake to the Harrima	in Ditch.					
COSPBE01E	Classifications	Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	CS-II	19.3	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Arsenic(chroni	( )	pH		6.5 - 9.0		Chromium III		TVS
· ·	te of 12/31/2021	chlorophyll a (mg/m <sup>2</sup> )				Chromium III(T)	50	
-		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
		li	norganic (mg/	L)		Iron		WS
				acute	chronic	Iron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite			0.05	Nickel(T)		100
		Phosphorus				Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
		Cullus			0.002	Zinc	TVS	TVS
2. Mainstem o	of Bear Creek from the outle	t of Bear Creek Reservoir to the con	fluence with th	e South Plat	te River.			
COSPBE02	Classifications	Physic	al and Biolog	ical			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)			chronic 5.0	Arsenic Arsenic(T)	340	0.02
Qualifiers:	Water Supply	D.O. (mg/L) pH						
Qualifiers: Other:	Water Supply				5.0	Arsenic(T)		0.02
Other:		pH		 6.5 - 9.0	5.0	Arsenic(T) Beryllium Cadmium		0.02
<b>Other:</b> Temporary M	odification(s):	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	 6.5 - 9.0 	5.0  	Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS	0.02  TVS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s):	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	 6.5 - 9.0 	5.0  	Arsenic(T) Beryllium Cadmium	  TVS 5.0	0.02  TVS 
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	 6.5 - 9.0  L) acute	5.0  126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	  TVS 5.0 	0.02  TVS 
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) II Ammonia	norganic (mg/	 6.5 - 9.0   L) acute TVS	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
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron	norganic (mg/	 6.5 - 9.0   L) acute TVS 	5.0  126 Chronic TVS 0.75	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(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride	norganic (mg/	 6.5 - 9.0   L) acute TVS 	5.0  126 <b>chronic</b> TVS 0.75 250	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
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine	norganic (mg/	 6.5 - 9.0  L) acute TVS  0.019	5.0  126 Chronic TVS 0.75	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
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/	 6.5 - 9.0   <b>L)</b> TVS  0.019 0.005	5.0  126 <b>chronic</b> TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/	 6.5 - 9.0   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 III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS 5.0  50 TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000 TVS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/	 6.5 - 9.0   L) acute TVS  0.019 0.005 10 	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	 TVS 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/	 6.5 - 9.0  L) acute TVS  0.019 0.005 10  10	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	 TVS 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10  10 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 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(t)
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/	 6.5 - 9.0  L) acute TVS  0.019 0.005 10  10	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 Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10  10 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 Molybdenum(T) Nickel Nickel(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	0.02  TVS  TVS TVS TVS 3 1000 TVS 0.01(t) 150 TVS 100
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10  10 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 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  TVS/WS 0.01(t) 150 TVS 100 TVS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10  10 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS  TVS	0.02  TVS  TVS TVS 3 TVS 4 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
<b>Other:</b> Temporary M Arsenic(chroni	odification(s): ic) = hybrid	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) In Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/	 6.5 - 9.0   <b>acute</b> TVS  0.019 0.005 10  10 	5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 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  TVS/WS 0.01(t) 150 TVS 100 TVS

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

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

	······································	s, from the source to the outlet of Eve	ergreen Lake. E	xcept for spe	ecine ilsungs in Segment 7.		
COSPBE03	Classifications	Physical and Bio	logical		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophvll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorganic (r	ng/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
	· · ·	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	ies to Bear Creek, including all wetland	ls, from the outlet of Evergreen Lake	e to the confluer	nce with the S	South Platte River, except f	or specific listings in S	Segments 5, 6a,
and 6b.							
COSPBE04A	Classifications	Physical and Bio	logical			Aetals (ug/L)	
	Classifications	Physical and Bio	-	MWAT	N	fletals (ug/L)	chronic
Designation	Agriculture		DM	MWAT WS-I		acute	chronic
		Physical and Bio	DM WS-I	WS-I	Aluminum	acute	
Designation	Agriculture Aq Life Warm 2	Temperature °C	DM	WS-I chronic	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L)	DM WS-I acute 	WS-I chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Designation Reviewable	Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	DM WS-I acute	WS-I chronic	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Designation Reviewable Qualifiers: Water + Fish	Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	 0.02  TVS
Designation Reviewable Qualifiers: Water + Fish S	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-I acute  6.5 - 9.0 	WS-I chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0	 0.02  TVS 
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	DM WS-1 acute  6.5 - 9.0   mg/L)	WS-I chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02  TVS  TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r	DM WS-1 acute  6.5 - 9.0  mg/L) acute	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 
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia	DM WS-I acute  6.5 - 9.0  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 50 TVS	 0.02  TVS  TVS  TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron	DM WS-1 acute  6.5 - 9.0  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 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride	DM WS-1 acute  6.5 - 9.0  ng/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 Chromium III(T) Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine	DM WS-1 acute  6.5 - 9.0  mg/L) acute TVS  0.019	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 Iron	acute 340 TVS 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide	DM WS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005	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 Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-1 acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	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 Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-1 acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	WS-I           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	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  TVS/WS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-1 acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 	WS-I 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	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 T	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r 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  10 	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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 340 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(t)
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-1 acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 	WS-I 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 Molybdenum(T) Nickel	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 50 TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS S 1000 TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r 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  10 	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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r 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  10 	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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r 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  10 	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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS 100 TVS
Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (r 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  10 	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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

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

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

t = total tr = trout

4b. Deleted.					
COSPBE04B Classifications	Physical and Biological		Me	tals (ug/L)	
Designation	DM	MWAT		acute	chronic
Qualifiers:	acute	chronic			
Other:					
	Inorganic (mg/L)				
	acute	chronic			
4c. Deleted.					
4c. Deleted. COSPBE04C Classifications	Physical and Biological		Ме	tals (ug/L)	
	Physical and Biological DM	MWAT	Me	tals (ug/L) acute	chronic
COSPBE04C Classifications		MWAT	Me		chronic
COSPBE04C Classifications		MWAT	Me		chronic
COSPBE04C Classifications Designation	DM		Me		chronic
COSPBE04C Classifications Designation Qualifiers:	DM		Me		chronic
COSPBE04C Classifications Designation Qualifiers:	DM		Me		chronic

J. Jweue, riell	, Sawmili, Troublesome, and Cold Spi	rings Gulches, and mainstem of C	UD Creek from the	source to tr	le confidence with Bear Cr	eek.	
COSPBE05	Classifications	Physical and B	liological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish S	Standards	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chronic	c) = hybrid				Chromium III(T)	50	
Expiration Date	e of 12/31/2021	Inorganic	: (mg/L)		Chromium VI	TVS	TVS
*chlorophyll a (	mg/m <sup>2</sup> )(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
the facilities list	ted at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
facilities listed	hronic) = applies only above the at 38.5(4).	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
6a. Turkey Cre	ek system, including all tributaries and	wetlands, from the source to the	inlet of Bear Cree	k Reservoir,			TVS
	ek system, including all tributaries and Classifications	wetlands, from the source to the Physical and B		k Reservoir,	except for specific listings		TVS
COSPBE06A Designation	Classifications Agriculture			k Reservoir, MWAT	except for specific listings	in Segment 6b.	TVS
COSPBE06A Designation Reviewable	Classifications Agriculture Aq Life Cold 2		iological		except for specific listings	in Segment 6b. Metals (ug/L)	
COSPBE06A Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and B	iological DM	MWAT	except for specific listings	in Segment 6b. Metals (ug/L) acute	chronic
COSPBE06A Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Physical and B	iological DM CS-II	MWAT CS-II	except for specific listings Aluminum	in Segment 6b. Metals (ug/L) acute 	chronic 
COSPBE06A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and B	iiological DM CS-II acute	MWAT CS-II chronic	except for specific listings Aluminum Arsenic	in Segment 6b. Metals (ug/L) acute  340	chronic 
COSPBE06A Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	iological DM CS-II acute 	MWAT CS-II chronic 6.0	except for specific listings Aluminum Arsenic Arsenic(T)	in Segment 6b. Metals (ug/L) acute  340 	chronic   0.02
COSPBE06A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning)	iological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium	in Segment 6b. Metals (ug/L) acute  340 	chronic  0.02 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	tiological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium	in Segment 6b. Metals (ug/L) acute  340  TVS(tr)	chronic  0.02 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150*	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic  0.02  TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	tiological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150*	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS 
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4).	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	tiological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150* 126	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic              0.02              TVS           TVS           TVS           TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	tiological DM CS-II acute  6.5 - 9.0   c: (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150* 126 chronic	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	tiological DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	iological 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	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS TVS TVS TVS WS 1000
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	iological DM CS-II acute  6.5 - 9.0  : (mg/L) acute TVS  	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS	chronic  0.02  TVS  TVS TVS TVS TVS WS 1000
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	iological DM CS-II acute  6.5 - 9.0  (mg/L) c(mg/L)   0.019	MWAT CS-II chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250 0.011	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50	Chronic  0.02  TVS  TVS  TVS S VVS 1000 TVS 1000 TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5 - 9.0   0.019 0.005	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011 	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	iological DM CS-II acute  6.5 - 9.0   c (mg/L) c	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011 	except for specific listings 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	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	biological DM CS-II acute  6.5 - 9.0  c	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05	except for specific listings 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)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0  TVS 50 TVS TVS  TVS 50 TVS  TVS  TVS   	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	iological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10  10	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11*	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	iological DM CS-II acute  6.5 - 9.0  (mg/L) c(mg/L) CS  0.019 0.005 10      0.019	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS  TVS  TVS  TVS  TVS   TVS        -	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
COSPBE06A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a ( the facilities list *Phosphorus(c	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid e of 12/31/2021 mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	iological DM CS-II acute  6.5 - 9.0  (mg/L) c(mg/L) CS  0.019 0.005 10      0.019	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	except for specific listings Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	in Segment 6b. Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0 TVS TVS TVS TVS  TVS 50 TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS	chronic              0.02              TVS              TVS              TVS              TVS              TVS              TVS           0.00           TVS           0.00           TVS              TVS/WS           0.01(t)           150           TVS           100           TVS

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

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

6b. Mainstem	of North Funkcy Ofeck, in						
COSPBE06B	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(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	: (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	TVS	TVS
		Creek, including wetlands, within the Mt. Evans	Wilderness Area.		Zinc	TVS	
COSPBE07	nd all tributaries to Bear ( Classifications	Creek, including wetlands, within the Mt. Evans Physical and B	iological		Zinc		
COSPBE07 Designation	Classifications Agriculture	Physical and B	iological DM	MWAT	Zinc	TVS	
COSPBE07	Classifications Agriculture Aq Life Cold 1		iological DM CS-I	CS-I	Zinc	TVS Metals (ug/L) acute 	TVS
COSPBE07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C	iological DM	CS-I chronic	Zinc Aluminum Arsenic	TVS Metals (ug/L) acute	TVS chronic
COSPBE07 Designation OW	Classifications Agriculture Aq Life Cold 1	Physical and B Temperature °C D.O. (mg/L)	iological DM CS-I	CS-I chronic 6.0	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute 	TVS chronic 
COSPBE07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B       Temperature °C       D.O. (mg/L)       D.O. (spawning)	iological DM CS-I acute 	CS-I chronic	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 B       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH	tiological DM CS-1 acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS(tr)	TVS chronic  0.02  TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-1 acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340 	TVS chronic  0.02  TVS 
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-1 acute  6.5 - 9.0	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(tr) 5.0 	TVS chronic  0.02  TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	tiological DM CS-1 acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-I acute  6.5 - 9.0  	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(tr) 5.0  50 TVS	TVS chronic  0.02  TVS  TVS  TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	2020 Physical and B Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	tiological DM CS-1 acute  6.5 - 9.0  (mg/L) acute	CS-I chronic 6.0 7.0  150 126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS  TVS TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	tiological DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150 126	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  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	2020 Physical and B Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	tiological DM CS-1 acute  6.5 - 9.0  (mg/L) acute	CS-I chronic 6.0 7.0  150 126 chronic	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  340  TVS(tr) 5.0  50 TVS TVS TVS 	TVS chronic  0.02  TVS  TVS  TVS S VVS TVS WS 1000
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	tiological DM CS-1 acute  6.5 - 9.0   (mg/L) acute TVS	CS-I chronic 6.0 7.0  150 126 Chronic TVS	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(tr) 5.0  50 TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS TVS WS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	tiological DM CS-I acute  6.5 - 9.0  c. (mg/L) acute TVS 	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50	TVS chronic  0.02  TVS  TVS  TVS VS TVS WS 1000 TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	tiological DM CS-I acute  6.5 - 9.0  c(mg/L) acute TVS  	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Zinc 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	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	TVS chronic  0.02  TVS  TVS  TVS VS TVS WS 1000 TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	tiological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  () c (mg/L) acute TVS  0.019	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	TVS  Metals (ug/L)  acute  340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 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 WS 1000 TVS WS 0.01(t)
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	tiological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0   0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS 1000 TVS 
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	iological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  c. (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 	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	TVS  Metals (ug/L)  Acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS TVS TVS 50	TVS chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t)
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	iological DM CS-I acute  6.5 - 9.0  c.mg/L) cmg/L) CS-I  0.019 0.005 10 	CS-I chronic 6.0 7.0 150 126 VS 0.75 250 0.011  0.05	Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS  Metals (ug/L)  Acute  340 340 TVS(tr) 5.0 50 TVS 50 TVS TVS TVS 50 T	TVS chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	iological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10  10 	CS-I chronic 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11*	Zinc Zinc	TVS  Metals (ug/L)  Acute   340   TVS(tr)  5.0   TVS(tr)  50  TVS  TVS  TVS  50  TVS  50 T	TVS chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.01 0.005 10      10  	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	Zinc Zinc	TVS  Metals (ug/L)  Acute  340  TVS(tr)  5.0  TVS  50  TVS  TVS  50  TVS  50	TVS  chronic
COSPBE07 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.01 0.005 10      10  	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11* WS	Zinc Zinc	TVS  Metals (ug/L)  Acute  340  TVS(tr) 5.0  TVS 50 TVS 50 TVS TVS 50 T	TVS  chronic

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

t = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature

	reservoirs in the Bear Creek system fro	m the sources to the boundary o	f the Mt. Evans Wi	Iderness area	a		
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(tr)	TVS
*ablaranbull a	(up/l)(chronic) coplice 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 er than 25 acres surface area.				Chromium III(T)	50	
reservoirs larg		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
9. Lakes and r	reservoirs in the Bear Creek system fro	m the boundary of the Mt. Evans	Wilderness area t	to the inlet of	Evergreen Lake; includes	s Summit Lake.	
COSPBE09	Classifications	Physical and E	Biological			Metals (ug/L)	
Decignotion		-	•			wetais (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	-	MWAT CL	Aluminum	,	chronic 
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	DM		Aluminum Arsenic	acute	
Reviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CL	CL		acute	
Reviewable	Aq Life Cold 1 Recreation E		DM CL acute	CL chronic	Arsenic	acute  340	
Reviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L)	DM CL acute	CL chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	DM CL acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Reviewable Qualifiers: Other: *chlorophyll a	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH	DM CL acute  6.5 - 9.0	CL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	  0.02 
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs	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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute  6.5 - 9.0 	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute  6.5 - 9.0  	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS 
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute  6.5 - 9.0  	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute  6.5 - 9.0  	CL chronic 6.0 7.0  8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	DM CL acute  6.5 - 9.0  c (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(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	DM CL acute  6.5 - 9.0   c (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(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CL acute  6.5 - 9.0  c (mg/L) c (mg/L) 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(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CL acute  6.5 - 9.0  c (mg/L) C (mg/L) acute TVS  0.019	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(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CL acute  6.5 - 9.0  c (mg/L) acute TVS  TVS	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(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	CL chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL acute   6.5 - 9.0  c (mg/L) c (mg/L) C (mg/L) C (mg/L) C (mg/L) C (mg/L)	CL 6.0 7.0  8* 126 Chronic TVS 0.75 250 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS 4000 TVS  TVS/WS 0.01(t)
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute  6.5 - 9.0  c (mg/L) c (mg/L) C (mg/L) acute TVS  0.019 0.005 10	CL chronic 7.0  8* 126  Chronic Chronic 0.011  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 Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(o facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	DM CL acute  6.5 - 9.0  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0 7.0 126 7 8 126 0 0 0 0 0 0 0.011 0.05 0.025 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute   6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0  8* 126  Chronic Chronic 0.011  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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	DM CL acute   6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0 7.0 126 7 8 126 0 0 0 0 0 0 0.011 0.05 0.025 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TV 5	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(of facilities listed	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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus Sulfate	DM CL acute   6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0 7.0 126 7 8 126 0 0 0 0 0 0 0.011 0.05 0.025 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 

All metals are dissolved unless otherwise noted.

T = total recoverablet = total

t = totaltr = trout D.O. = dissolved oxygen DM = daily maximum

10. Lakes and	reservoirs in drainages	s of Swede Gulch, Sawmill Gulch, Troublesome G	ulch, and Cold S	prings Gulch	from source to confluence	with Bear Creek.	
COSPBE10	Classifications	Physical and Bi	ological		ſ	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	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
11. Lakes and	reservoirs in the Bear (	Creek system from the outlet of Evergreen Lake to	the confluence	with the Sout	th Platte River except as s	pecified in Segments	1c 10 and 12 <sup>.</sup>
includes Soda							.o, .o, and .z,
	1	Physical and Bi					
COSPBE11	Classifications	Physical and Bi	ological			Metals (ug/L)	
COSPBE11 Designation	Classifications Agriculture		ological DM	MWAT			chronic
COSPBE11	Classifications Agriculture Aq Life Warm 2	Physical and Bio	ological DM WL	MWAT WL	Aluminum	Metals (ug/L) acute 	chronic 
COSPBE11 Designation	Classifications Agriculture	Temperature °C	ological DM WL acute	MWAT WL chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSPBE11 Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L)	ological DM WL acute 	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic   0.02
COSPBE11 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	ological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic   0.02 
COSPBE11 Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	ological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS	chronic  0.02  TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ological DM WL acute  6.5 - 9.0 	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L)  340  TVS 5.0	chronic  0.02  TVS 
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Ma	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	ological DM WL acute 6.5 - 9.0  (mg/L)	MWAT 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              TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	ological DM WL acute 6.5 - 9.0  (mg/L) acute	MWAT WL chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS 5.0  50	chronic  0.02  TVS  TVS 
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	ological DM WL acute 6.5 - 9.0  (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) Chromium VI	Metals (ug/L) acute  340  TVS 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	ological DM WL acute  6.5 - 9.0  (mg/L) acute TVS 	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	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	Chronic  0.02  TVS  TVS  TVS TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS 	MWAT 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	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	chronic                 0.02              TVS              TVS              TVS              TVS           WS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	ological DM WL acute 6.5 - 9.0  (mg/L) TVS  TVS  0.019	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 Chromium III(T) Chromium VI Copper Iron Iron(T)	Acute            340            TVS         5.0            TVS         50         TVS         TVS	chronic              0.02              TVS              TVS              TVS              SWS           1000
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic a Ammonia Boron Chloride Chlorine Cyanide	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 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	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS	chronic              0.02              TVS              TVS              TVS              TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS           TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C  D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	ological DM WL acute  () () ()   	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 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 TVS 	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ological DM WL acute 6.5 - 9.0  (mg/L) CVS  (NS  0.019 0.005 10	MWAT 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)           acute              340              TVS           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS           TVS           TVS           TVS           TVS	Chronic  0.02  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	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	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10	MWAT WL chronic 5.0  126 0.0 TVS 0.75 250 0.011  250 0.011 0.5	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	Acute         acute            340            TVS         50         TVS         50         TVS         S0         TVS         50         TVS         S0         TVS         S0         TVS         TVS	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS TVS 0.01(t)
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic d Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10  10 	MWAT WL chronic 5.0  126 Chronic Chronic 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS 50 TVS	chronic            0.02            TVS            TVS            TVS            TVS            TVS            TVS         TVS         TVS         0.01(t)         150
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	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	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10	MWAT WL chronic 5.0  126 0.0 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 Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)           acute              340              340              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	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150 TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic d Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10  10 	MWAT WL chronic 5.0  126 Chronic Chronic 0.75 250 0.011  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 Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)           acute              340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS              TVS              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS                 TVS                    TVS	chronic              0.02              TVS              TVS              TVS              TVS              TVS              TVS           0.01(t)           150           TVS           100
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic d Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10  10 	MWAT WL chronic 5.0  126 Chronic Chronic 0.75 250 0.011  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 Molybdenum(T) Nickel Nickel(T) Selenium	Wetals (ug/L)           acute              340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           50           TVS              TVS           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS              TVS	Chronic   0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  1000  1000                 
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic d Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10  10 	MWAT WL chronic 5.0  126 Chronic Chronic 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)           acute              340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           50           TVS              TVS           50           TVS              TVS              TVS              TVS           TVS      <	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 0.01(t) 150 TVS
COSPBE11 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Mo Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic d Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WL acute 6.5 - 9.0  (mg/L) acute TVS  (mg/L) 0.019 0.005 10 10  10 	MWAT WL chronic 5.0  126 Chronic Chronic 0.75 250 0.011  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 Molybdenum(T) Nickel Nickel(T) Selenium	Wetals (ug/L)           acute              340              340              TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           50           TVS              TVS           50           TVS           S0           TVS           S0           TVS           S0           TVS           S0           TVS              TVS	chronic            0.02            TVS            TVS            TVS            TVS            TVS         0.00         TVS         0.01(t)         150         TVS         1000         TVS         0.01(t)         150         TVS         100         TVS

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

D.O. = dissolved oxygen DM = daily maximum

t = total tr = trout

12. Lakes and		k system from the source to the inlet of E	Bear Creek Reservo	ir.			
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	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

1. Mainstem o	f Clear Creek, including all tributaries ar	nd wetlands, from the source to the I-	70 bridge abo	/e Silver Plu	me.		
COSPCL01	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only 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
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

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:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
Zinc(chronic) =	= 353	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Zinc(acute) = 5	586		acute	chronic	Copper	TVS	TVS
Expiration Date	e of 7/1/2020	Ammonia	TVS	TVS	Iron		WS
chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Boron		0.75	Iron(T)		1000
	ted at 38.5(4).	Chloride		250	Lead	TVS	TVS
0	9/30/00 Baseline does not apply chronic) = applies only above the	Chlorine	0.019	0.011	Lead(T)	50	
acilities listed	at 38.5(4).	Cyanide	0.005		Manganese	TVS	TVS/WS
· · ·	0.978e^(0.8537[In(hardness)]+1.9467)	Nitrate	10		Mercury		0.01(t)
Zinc(chronic) 0.986e^(0.853	= 7[In(hardness)]+1.8032)	Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

COSPCL02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2021				Chromium III(T)	50	
chlorophyll a	$(mq/m^2)(chronic) = applies only above$	Inorganic (mg/L)			Chromium VI	TVS	TVS
he 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	thronic) = applies only above the at 38.5(4).	Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

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
ualifiers:		D.O. (spawning)		7.0	Beryllium		
)ther:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
rsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
`	e of 12/31/2021				Chromium III(T)	50	
admium(chro	nic) = current condition	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
copper(chronie	c) = current condition		acute	chronic	Copper	TVS	TVS
xpiration Date	e of 7/1/2020	Ammonia	TVS	TVS	Iron		WS
chlorophyll a (	$(mg/m^2)$ (chronic) = applies only above	Boron		0.75	lron(T)		1000
	ted at 38.5(4).	Chloride		250	Lead	TVS	TVS
0	9/30/00 Baseline does not apply hronic) = applies only above the	Chlorine	0.019	0.011	Lead(T)	50	
acilities listed		Cyanide	0.005		Manganese	TVS	TVS/WS
. ,	0.978e^(0.8537[ln(hardness)]+1.9467)	Nitrate	10		Mercury		0.01(t)
Zinc(chronic) .986e^(0.853	= 7[ln(hardness)]+1.8032)	Nitrite		0.05	Molybdenum(T)		150
,		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

3a. Mainstem of South Clear Creek, including all tribut	aries and wetlands, from the source t	to the conflue	nce with Cle	ar Creek, except for the s	pecific listings in Segn	nents 3b and 19.
COSPCL03A Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable* Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	
Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	D.O. (spawning)		7.0	Beryllium		
Other:	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Modification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2021				Chromium III(T)	50	
*Designation: 9/30/00 Baseline does not apply	Inorganic (mg	g/L)		Chromium VI	TVS	TVS
*Zinc(acute) = 0.978e^(0.8537[In(hardness)]+1.9467)		acute	chronic	Copper	TVS	TVS
*Zinc(chronic) =	Ammonia	TVS	TVS	Iron		WS
0.986e^(0.8537[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		0.01(t)
	Nitrite		0.05	Molybdenum(T)		150
	Phosphorus		0.11	Nickel	TVS	TVS
	Sulfate		WS	Nickel(T)		100
	Sulfide		0.002	Selenium	TVS	TVS
				Silver	TVS	TVS(tr)
				Uranium		
				Zinc		SSE*
				Zinc	SSE*	

3b. Mainstem	of Leavenworth Creek from source to co	onfluence with South Clear Creek.					
COSPCL03B	Classifications	Physical and Bio	logical			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)	50	0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
0	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III		TVS
*Zinc(acute) = *Zinc(chronic)	0.978e^(0.8537[In(hardness)]+1.9467)				Chromium III(T)	50	
	= 7[ln(hardness)]+1.8032)	Inorganic (I	mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

-		ce to the confluence with Woods C					
COSPCL04	Classifications	Physical and Bi	ological		i	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
1	Recreation E		acute	chronic	Arsenic	340	
<b></b>	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
*Designation: 9	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III		TVS
1					Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
1		Ammonia	TVS	TVS	Iron		WS
1		Boron		0.75	Iron(T)		1000
l		Chloride		250	Lead	TVS	TVS
l		Chlorine	0.019	0.011	Lead(T)	50	
l		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
1		Nitrite		0.05	Molybdenum(T)		210
1		Phosphorus		0.11	Nickel	TVS	TVS
l		Sulfate		WS	Nickel(T)		100
l		Sulfide		0.002	Selenium	TVS	TVS
l					Silver	TVS	TVS(tr)
l					Uranium		
					Zinc	TVS	TVS
	f West Fork Clear Creek from the confl		nfluence with Cle	ear Creek.			
COSPCL05	Classifications	DI CONTRACTOR					
		Physical and Bi	-		!	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Designation	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum	acute	
<b>Designation</b> Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic	Aluminum Arsenic	acute  340	
<b>Designation</b> Reviewable	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
<b>Designation</b> Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute  6.5 - 9.0	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
Designation Reviewable 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	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(tr) 5.0 	 0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-1 acute  6.5 - 9.0   (mg/L)	CS-I chronic 6.0 7.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato *chlorophyll a ( the facilities lis	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	DM CS-1 acute  6.5 - 9.0  (mg/L) acute	CS-I chronic 6.0 7.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a i the facilities lis *Phosphorus(c facilities listed	Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted 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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	DM CS-I acute  6.5 - 9.0   (mg/L) acute TVS	CS-I chronic 6.0 7.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c) facilities listed *Manganese(c) West Fork, and	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	DM CS-1 acute  6.5 - 9.0  (mg/L) acute TVS 	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato *chlorophyll a ( the facilities listed *Manganese(c West Fork, and section 38.6(4)	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see b)(j) for manganese assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM CS-I acute  6.5 - 9.0  (mg/L) acute T∨S  	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 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato *chlorophyll a ( the facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM CS-1 acute  6.5 - 9.0  (mg/L) acute T√S  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(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see b)(j) for manganese assessment ronic TVS applies throughout segment.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  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(tr) 5.0  50 TVS TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  varies*
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see the of the other stress throughout segment. ronic TVS applies throughout segment. e e^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-1 acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS TVS WS 1000 TVS  varies* 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see the of the other stress throughout segment. ronic TVS applies throughout segment. e e^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  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 Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS 1000 TVS  varies* 0.01(t) 210
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM           CS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  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 Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  varies* 0.01(t) 210 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 	CS-I chronic 6.0 7.0 150* 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS 0.01(t) 210 TVS 100
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM           CS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute	0.02 TVS TVS TVS TVS VS 1000 TVS varies* 0.01(t) 210 TVS 100
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM           CS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10              10	CS-I chronic 6.0 7.0 150* 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS 0.01(t) 210 TVS 100
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM           CS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10              10	CS-I chronic 6.0 7.0 150* 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver Uranium	acute	0.02 TVS TVS TVS TVS VVS Varies* 0.01(t) 210 1000 100 100 100 100 100 100 100 100
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities list *Phosphorus(C facilities listed *Manganese(c West Fork, and section 38.6(4) locations. Chr *Zinc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the at 38.5(4). chronic) = 393 ug/L at the mouth of d 1480 ug/L below Woods Creek, see topic TVS applies throughout segment. renic TVS applies throughout segment. re^(0.8404[In(hardness)]+1.8810)	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM           CS-I           acute              6.5 - 9.0              (mg/L)           acute           TVS              0.019           0.005           10              10	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic 7VS 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	0.02 TVS TVS TVS TVS US 1000 TVS varies* 0.01(t) 210 TVS 100

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

6. All tributarie	es to West Fork Clear Creek, includ	ing all wetlands, from the source to	the confluence with	Clear Creek	k, except for specific listing	s in Segments 7 and 8	3.
COSPCL06	Classifications	Physical and			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(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
-	te of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Designation:	9/30/00 Baseline does not apply		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		oundo		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
7a. Mainstem	of Woods Creek from the outlet of I	Jpper Urad Reservoir to the conflue	ence with West Fork	Clear Creek		-	-
COSPCL07A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Aq Life Cold 2		DM	MWAT		acute	chronic
UP	Recreation N	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:			acute	chronic	Arsenic	340	150
Other:		D.O. (mg/L)		6.0	Beryllium		
Temporary M	adification(s);	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	onic) = current condition	рН	6.5 - 9.0		Chromium III	TVS	TVS
-	) = current condition	chlorophyll a (mg/m <sup>2</sup> )			Chromium VI	TVS	TVS
	= current condition	E. Coli (per 100 mL)		630	Copper	TVS	TVS
. ,	= current condition				lron(T)		1000
	nic) = current condition	Inorgan	ic (mg/L)		Lead	TVS	TVS
Nickel(chronic	c) = current condition		acute	chronic	Manganese	TVS	TVS
	) = current condition	Ammonia	TVS	TVS	Mercury		0.01(t)
temperature(D condition	DM/MWAT) = current 10/1 - 11	/30 Boron			Molybdenum(T)		
temperature(D	DM/MWAT) = current 4/1 - 5				Nickel	TVS	TVS
condition		Chlorine	0.019	0.011	Selenium	TVS	TVS
. ,	current condition te of 6/30/2023	Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate			Uranium		
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus		0.11			
		Sulfate			1		
		Sulfide		0.002			

7b. Lower Ura	d Reservoir							
COSPCL07B	Classifications		Physical and I	Biological			Metals (ug/L)	
Designation	Aq Life Cold 2			DM	MWAT		acute	chronic
UP	Recreation N		Temperature °C	CL	CL	Aluminum		
Qualifiers:				acute	chronic	Arsenic	340	150
Other:			D.O. (mg/L)		6.0	Beryllium		
Temporary M	odification(s).		D.O. (spawning)		7.0	Cadmium	TVS(tr)	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
	= current condition					Iron(T)		1000
Mercury(chror	nic) = current condition		Inorgani	c (mg/L)		Lead	TVS	TVS
Nickel(chronic	) = current condition			acute	chronic	Manganese	TVS	TVS
Silver(chronic)	) = current condition		Ammonia	TVS	TVS	Mercury		0.01(t)
temperature(D condition	0M/MWAT) = current	10/1 - 11/30	Boron			Molybdenum(T)		
temperature(D	0M/MWAT) = current	4/1 - 5/31	Chloride			Nickel	TVS	TVS
condition	current condition		Chlorine	0.019	0.011	Selenium	TVS	TVS
	e of 6/30/2023		Cyanide	0.005		Silver	TVS	TVS(tr)
Expiration Dat			Nitrate			Uranium		
			Nitrite		0.05	Zinc	TVS	TVS
			Phosphorus					
			Sulfate					
			Sulfide		0.002			
8. Mainstem o	f Lion Creek from the sou	rce to the con	fluence with West Fork Clear Cr	eek.				
COSPCL08	Classifications		Physical and I	Biological		1	Metals (ug/L)	
Designation	Aq Life Cold 2			DM	MWAT		acute	chronic
UP	Recreation E		Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:				acute	chronic	Arsenic		
Other:			D.O. (mg/L)		6.0	Beryllium		
			D.O. (spawning)		7.0	Cadmium		
			рН	3.0-9.0		Chromium III		
			chlorophyll a (mg/m <sup>2</sup> )		150	Chromium VI		
			E. Coli (per 100 mL)		126	Copper		
						Iron		
			Inorgani	c (mg/L)		Lead		
				acute	chronic	Manganese		
			Ammonia			Mercury		
			Boron			Molybdenum(T)		
			Chloride			Nickel		
			Chlorine			Selenium		
			Cyanide			Silver		
			Nitrate			Uranium		
			Nitrite			Zinc		
			Phosphorus					
			Sulfate					

		nd wetlands, from the source to th	e connuence with	Clear Creek.	•		
COSPCL09A	Classifications	Physical and B	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorganic	: (mg/L)		Chromium VI	TVS	TVS
	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
•	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
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cumac		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
9b. Mainstem	of Trail Creek, including all tributaries a	and wetlands from the source to the	he confluence with				
					<b>\.</b>		
COSPCL09B	Classifications	Physical and B				Metals (ug/L)	
COSPCL09B Designation	-			MWAT		Metals (ug/L) acute	chronic
	Classifications		Biological				chronic 
Designation	Classifications Agriculture	Physical and B	Biological DM	MWAT		acute	
<b>Designation</b> Reviewable*	Classifications Agriculture Aq Life Cold 1	Physical and B	Biological DM CS-I	MWAT CS-I	Aluminum	acute	
Designation Reviewable*	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B	tiological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute  340	
Designation Reviewable*	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L)	biological DM CS-I acute 	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02
Designation Reviewable* Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	biological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340 	  0.02 
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning)	biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium	acute  340  TVS(tr)	  0.02  TVS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological 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(tr) 5.0	 0.02  TVS 
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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)	acute  340  TVS(tr) 5.0 	 0.02  TVS 
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	tiological DM CS-I acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	biological DM CS-1 acute  6.5 - 9.0  c (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	tiological 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-I chronic 6.0 7.0  150 126 t26 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS WS 1000
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	tiological DM CS-I 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	biological DM CS-1 acute  6.5 - 9.0  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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS 
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	biological DM CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) CS-  0.019 0.005	MWAT CS-I chronic 6.0 7.0  150 126 126 250 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	biological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  c. (mg/L) c (mg/L) CS  0.019 0.005 10	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(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 340 TVS(tr) 5.0 50 TVS TVS 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(t)
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	biological DM CS-I acute  6.5 - 9.0  c.(mg/L) acute TVS  0.019 0.005 10 	MWAT CS-I chronic 6.0 7.0  150 126 126  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 Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	biological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10  10 	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	biological DM CS-I acute  6.5 - 9.0  (mg/L) c(mg/L) CS   0.019 0.005 10     	MWAT CS-I Chronic 6.0 7.0 150 126 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 Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	biological DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10  10 	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	biological DM CS-I acute  6.5 - 9.0  (mg/L) c(mg/L) CS   0.019 0.005 10     	MWAT CS-I Chronic 6.0 7.0 150 126 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS 50 TVS TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS
Designation Reviewable* Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	biological DM CS-I acute  6.5 - 9.0  (mg/L) c(mg/L) CS   0.019 0.005 10     	MWAT CS-I Chronic 6.0 7.0 150 126 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

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

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

		es and wetlands, from the source	to the confluence	with Clear C	reek, except for specific list	ings in Segment 19.	
COSPCL10	Classifications	Physical and E	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
	_	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
the facilities lis	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$		acute	chronic	Copper	TVS	TVS
0	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
*Phosphorus(c facilities listed	chronic) = applies only above the $24.385(4)$	Boron		0.75	lron(T)		1000
	at 50.5(+).	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
					Nickel	TVS	TVS
		Phosphorus		0.11*			
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
				<u> </u>	Zinc	TVS	TVS
	of Clear Creek from a point just above t Classifications	Physical and E	-	Canal divers		letals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
01	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)	040	0.02
		D.O. (ing/L)					
Qualifiers:	Water Cappiy						
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	 6.5 - 9.0	7.0	Beryllium Cadmium	TVS(tr)	
<b>Other:</b> Temporary Mo	odification(s):	pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 	Beryllium Cadmium Cadmium(T)	 TVS(tr) 5.0	 TVS 
<b>Other:</b> Temporary Ma Arsenic(chroni	odification(s): ic) = hybrid	рН	 6.5 - 9.0	7.0	Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0 	
Other: Temporary Mo Arsenic(chroni Expiration Date	odification(s): ic) = hybrid e of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	 TVS  TVS 
Other: Temporary Mo Arsenic(chroni Expiration Date	odification(s): ic) = hybrid	pH chlorophyll a (mg/m²)	 6.5 - 9.0   c (mg/L)	7.0  126	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	 TVS  TVS  TVS
Other: Temporary Mo Arsenic(chroni Expiration Date temperature(D condition*	odification(s): ic) = hybrid e of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganie	 6.5 - 9.0   c (mg/L) acute	7.0  126 chronic	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS 	 TVS  TVS  TVS 17
Other: Temporary Mo Arsenic(chroni Expiration Date temperature(D condition* Expiration Date	odification(s): ic) = hybrid e of 12/31/2021 0M/MWAT) = current e of 6/30/2019	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia	 6.5 - 9.0   c (mg/L) acute TVS	7.0  126 chronic TVS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS 	 TVS  TVS  TVS 17 WS
Other: Temporary Ma Arsenic(chroni Expiration Dat temperature(D condition* Expiration Date *Zinc(acute) = *Zinc(chronic)	odification(s): ic) = hybrid e of 12/31/2021 0M/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) =	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganie Ammonia Boron	 6.5 - 9.0   c (mg/L) acute	7.0  126 Chronic TVS 0.75	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS  	 TVS  TVS  TVS 17 WS 1000
Other: Temporary Ma Arsenic(chroni Expiration Dat temperature(D condition* Expiration Dat *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853	odification(s): ic) = hybrid e of 12/31/2021 IM/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032)	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganie Ammonia Boron Chloride	 6.5 - 9.0   c (mg/L) acute TVS 	7.0  126 <b>chronic</b> TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS   TVS	 TVS  TVS  TVS 17 WS
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganie Ammonia Boron	 6.5 - 9.0   c (mg/L) TVS 	7.0  126 Chronic TVS 0.75	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS   TVS 50	 TVS  TVS 17 WS 1000 TVS 
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 IM/MWAT) = current e of 6/30/2019 0.978e^(0.8537[ln(hardness)]+1.9467) = 7[ln(hardness)]+1.8032) mperature = from a point just	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganie Ammonia Boron Chloride	 6.5 - 9.0   c (mg/L) acute TVS 	7.0  126 <b>chronic</b> TVS 0.75 250	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS   TVS	 TVS  TVS 17 WS 1000 TVS  TVS/WS
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine	 6.5 - 9.0  c (mg/L) acute TVS  0.019	7.0  126 <b>chronic</b> TVS 0.75 250 0.011	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS   TVS 50	 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(t)
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0   c (mg/L) c (mg/L)	7.0  126 chronic TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS  TVS 50 TVS 50 TVS 	 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(t) 150
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0   c (mg/L) c (mg/L)	7.0  126 Chronic TVS 0.75 250 0.011 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS   TVS 50 TVS 50 TVS	 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(t)
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganie Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.0   c (mg/L) c (mg/L)	7.0  126 Chronic TVS 0.75 250 0.011  0.05	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS  TVS 50 TVS 50 TVS 	 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(t) 150
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0   c (mg/L) c (mg/L) acute TVS  0.019 0.005 10 10 	7.0  126 <b>chronic</b> TVS 0.75 250 0.011  0.05 	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS   TVS 50 TVS 50 TVS  TVS	 TVS  TVS 17 WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   2 (mg/L) 2 (mg/L) 7√S  10 0.019 0.005 10  10 	7.0  126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS(tr) 5.0  50 TVS  TVS 50 TVS 50 TVS  TVS	 TVS  TVS 17 S 17 WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   2 (mg/L) 2 (mg/L) 7√S  10 0.019 0.005 10  10 	7.0  126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS(tr) 5.0  50 TVS  TVS 50 TVS 50 TVS  TVS  TVS	 TVS  TVS 17 S 17 WS 1000 TVS 0.01(t) 150 TVS 1000 TVS 1000
Other: Temporary Ma Arsenic(chroni Expiration Data temperature(D condition* Expiration Data *Zinc(acute) = *Zinc(chronic) 0.986e^(0.853 *TempMod: tei downstream of	odification(s): ic) = hybrid e of 12/31/2021 W/MWAT) = current e of 6/30/2019 0.978e^(0.8537[In(hardness)]+1.9467) = 7[In(hardness)]+1.8032) mperature = from a point just f the US 6 Bridge to the Farmers	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0   2 (mg/L) 2 (mg/L) 7√S  10 0.019 0.005 10  10 	7.0  126 Chronic TVS 0.75 250 0.011  0.05  WS	Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS(tr) 5.0  50 TVS  TVS 50 TVS 50 TVS  TVS  TVS  TVS 	 TVS  TVS 17 S 17 WS 1000 TVS 0.01(t) 150 TVS 1000 TVS 1000

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

COSPCL12A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable*	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
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	2	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	E. Coli (per 100 mL)		126	Chromium III		TVS
	9/30/00 Baseline does not apply				Chromium III(T)	50	
Phosphorus( acilities listed	chronic) = applies only above the $28.5(4)$	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	at 30.3(4).		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cuildo		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
2b. Beaver B	Brook from the source to Highway 40.						
	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Cadmium(T)	5.0	
	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Chromium III		TVS
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III(T)	50	
	te of 12/31/2021				Chromium VI	TVS	TVS
		Inorgani	ic (mg/L)		Copper	TVS	TVS
Designation:	9/30/00 Baseline does not apply		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		50.011		250	Lead(T)	50	
		Chloride		200	Manganese	TVS	TVS/WS
		Chloride		0.011			1 0 0 0 0
		Chlorine	0.019	0.011			0.01(+)
		Chlorine Cyanide	0.019 0.005		Mercury		0.01(t)
		Chlorine Cyanide Nitrate	0.019 0.005 10		Mercury Molybdenum(T)		150
		Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 	  0.05	Mercury Molybdenum(T) Nickel	  TVS	150 TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 	  0.05 0.11	Mercury Molybdenum(T) Nickel Nickel(T)	  TVS 	150 TVS 100
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10  	 0.05 0.11 WS	Mercury Molybdenum(T) Nickel Nickel(T) Selenium	  TVS  TVS	150 TVS 100 TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 	  0.05 0.11	Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS  TVS TVS	150 TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10  	 0.05 0.11 WS	Mercury Molybdenum(T) Nickel Nickel(T) Selenium	  TVS  TVS	150 TVS 100 TVS

tr = trout

	Classifications	h North Clear Creek and Eureka ( Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
)ther:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	adification (a)	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
rsenic(chron	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
	te of 12/31/2021	, , , , , , , , , , , , , , , , , , ,			Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Designation:	9/30/00 Baseline does not apply	linergan	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	0.019		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
				0.05	Nickel	TVS	TVS
		Phosphorus Sulfate		WS	Nickel(T)		100
		Sulfide			Selenium	TVS	TVS
		Suilide		0.002	Silver	TVS	
					Uranium		TVS(tr)
					Zinc	TVS	TVS
3b. Mainsten	n of North Clear Creek including all tri	butaries and wetlands from a poir	nt just below the cor	nfluence with		-	-
	s in Segment 13a.				-		.,
COSPCL13B	Classifications	Physical and	-			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
			03-1				
	Recreation E		acute	chronic	Arsenic	 340	
ualifiers:		D.O. (mg/L)			Arsenic Arsenic(T)		  100
		D.O. (spawning)	acute 	chronic	Arsenic(T) Beryllium	340 	
other:		D.O. (spawning) pH	acute 	chronic 6.0	Arsenic(T)	340 	100
<b>)ther:</b> emporary M	Recreation E	D.O. (spawning)	acute 	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium	340 	100
Other: Temporary M Cadmium(chro	Recreation E lodification(s): onic) = 4.7 te of 12/31/2018	D.O. (spawning) pH	acute   6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium Cadmium	340   TVS(tr)	100  TVS
Other: Temporary M Cadmium(chro Expiration Date Temperature(E	Recreation E lodification(s): onic) = 4.7	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Chromium III	340   TVS(tr) TVS	100  TVS TVS
Other: Temporary M Cadmium(chro Expiration Date Temperature(E ondition	Recreation E lodification(s): onic) = 4.7 te of 12/31/2018	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	340  TVS(tr) TVS 	100  TVS TVS 100
Other: Cemporary M Cadmium(chro Expiration Dat Condition Expiration Dat	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  150*	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	340  TVS(tr) TVS  TVS	100  TVS TVS 100 TVS
other: emporary M cadmium(chro expiration Date emperature(E ondition expiration Date chlorophyll a ne facilities list	Recreation E lodification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4).	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  	chronic           6.0           7.0              150*           126	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	340  TVS(tr) TVS  TVS 	100  TVS TVS 100 TVS 64
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute	chronic           6.0           7.0              150*           126           chronic	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	340  TVS(tr) TVS  TVS 	100  TVS TVS 100 TVS 64 5400
other: emporary M Cadmium(chru xpiration Data emperature(C ondition xpiration Data chlorophyll a he facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan e Ammonia	acute  6.5 - 9.0  ic (mg/L) acute TVS	chronic           6.0           7.0              150*           126           chronic           TVS	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	340  TVS(tr) TVS  TVS  TVS	100  TVS TVS 100 TVS 64 5400 TVS
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	<ul> <li>D.O. (spawning)</li> <li>pH</li> <li>chlorophyll a (mg/m<sup>2</sup>)</li> <li>E. Coli (per 100 mL)</li> <li>Inorgan</li> <li>Ammonia</li> <li>Boron</li> </ul>	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic           6.0           7.0           150*           126           chronic           TVS           0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	340  TVS(tr) TVS  TVS  TVS TVS TVS	100  TVS TVS 100 TVS 64 5400 TVS TVS
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan e Ammonia Boron Chloride	acute  6.5 - 9.0  ic (mg/L) acute TVS 	chronic         6.0         7.0         150*         126         chronic         TVS         0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	340  TVS(tr) TVS  TVS  TVS TVS TVS	100  TVS 100 TVS 64 5400 TVS TVS 0.01(t)
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgan         Ammonia         Boron         Chloride         Chlorine	acute  6.5 - 9.0  ic (mg/L) acute TVS  CNS  0.019	chronic         6.0         7.0         150*         126         Chronic         TVS         0.75            0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	340  TVS(tr) TVS  TVS  TVS TVS TVS TVS	100  TVS TVS 100 TVS 64 5400 TVS TVS 0.01(t) 150 TVS
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	<ul> <li>D.O. (spawning)</li> <li>pH</li> <li>chlorophyll a (mg/m<sup>2</sup>)</li> <li>E. Coli (per 100 mL)</li> <li>Inorgan</li> <li>Ammonia</li> <li>Boron</li> <li>Chloride</li> <li>Chlorine</li> <li>Cyanide</li> </ul>	acute  6.5 - 9.0   ic (mg/L) acute T∨S  US  0.019 0.005	chronic           6.0           7.0           150*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) TVS  TVS  TVS TVS TVS TVS	100  TVS TVS 100 TVS 64 5400 TVS TVS 0.01(t) 150
Cadmium(chro Expiration Date emperature(E condition Expiration Date chlorophyll a he facilities list	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	<ul> <li>D.O. (spawning)</li> <li>pH</li> <li>chlorophyll a (mg/m<sup>2</sup>)</li> <li>E. Coli (per 100 mL)</li> <li>Inorgan</li> <li>Ammonia</li> <li>Boron</li> <li>Chloride</li> <li>Chlorine</li> <li>Cyanide</li> <li>Nitrate</li> </ul>	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 100	chronic           6.0           7.0           150*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS(tr) TVS  TVS  TVS TVS TVS TVS TVS	100  TVS TVS 100 TVS 64 5400 TVS TVS 0.01(t) 150 TVS TVS
Other: Temporary M Cadmium(chru Expiration Data temperature(C ondition Expiration Data chlorophyll a the facilities lis Phosphorus()	Recreation E odification(s): onic) = 4.7 te of 12/31/2018 DM/MWAT) = current te of 12/31/2020 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0  ic (mg/L) ic (mg/L) ic (ng/L) acute T\\S  0.019 0.005 100	chronic         6.0         7.0         150*         126         Chronic         TVS         0.75            0.011            0.05	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	340  TVS(tr) TVS  TVS  TVS TVS TVS TVS TVS TVS	100  TVS TVS 100 TVS 64 5400 TVS TVS 0.01(t) 150 TVS TVS TVS(tr)

	Tor Clear Creek from the Farmers Hig	hline Canal diversion in Golden, Colo	prado to the De	enver Water	conduit #16 crossing.		
COSPCL14A	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
Arsenic(chroni		Inorganic (m	ig/L)		Chromium III		TVS
-	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
	M/MWAT) = current	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
condition Expiration Date	e of 6/30/2019	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
*Zinc(acute) = effect ratio).	TVS x (times) the FWER (final water	Chlorine	0.019	0.011	Iron(T)		1000
Expiration date		Cyanide	0.005		Lead	TVS	TVS
water effect rat	= TVS x (times) the FWER (final tio).	Nitrate	10		Lead(T)	50	
Expiration date	e of 12/31/20.	Nitrite		0.5	Manganese	TVS	244
		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*
14b. Mainstem	of Clear Creek from the Denver Wate	er conduit #16 crossing to a point jus	below Youngf	ield Street in	n Wheat Ridge, Colorado		
	of Clear Creek from the Denver Wate Classifications	er conduit #16 crossing to a point jus Physical and Biol	-	ield Street in	n Wheat Ridge, Colorado	Metals (ug/L)	
COSPCL14B			-	ield Street in MWAT	n Wheat Ridge, Colorado		chronic
COSPCL14B	Classifications		ogical		N Wheat Ridge, Colorado	Metals (ug/L)	chronic 
COSPCL14B Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol	ogical DM	MWAT		Metals (ug/L) acute	chronic 
COSPCL14B Designation UP	Classifications Agriculture Aq Life Warm 2	Physical and Biol	ogical DM WS-II	<b>MWAT</b> WS-II	Aluminum	Metals (ug/L) acute 	
COSPCL14B Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Biol	ogical DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute  340	
COSPCL14B Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L)	ogical DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	
COSPCL14B Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Biol Temperature °C D.O. (mg/L) pH	ogical DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	  0.02 
COSPCL14B Designation UP Qualifiers: Water + Fish S	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	ogical DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS	  0.02 
COSPCL14B Designation UP Qualifiers: Water + Fish S Other: Temporary Mo temperature(D	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	ogical DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS 5.0	 0.02  TVS 
COSPCL14B Designation UP Qualifiers: Water + Fish S Other: Temporary Mo temperature(D condition	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	ogical DM WS-II acute  6.5 - 9.0   gg/L)	MWAT WS-II chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS 5.0	 0.02  TVS 
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mo temperature(D condition Expiration Date	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards Diffication(s): M/MWAT) = current e of 6/30/2019	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m	ogical DM WS-II acute  6.5 - 9.0  ug/L) acute	MWAT WS-II chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS 5.0  50	 0.02  TVS  TVS 
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) =	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m	ogical DM WS-II acute  6.5 - 9.0  mg/L) acute TVS	MWAT WS-II chronic 5.0  126 thronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	Metals (ug/L) acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPCL14B Designation UP Qualifiers: Water + Fish S Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20.	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	ogical DM WS-II acute  6.5 - 9.0  reg/L) acute TVS 	MWAT WS-II chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute  340  TVS 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
COSPCL14B Designation UP Qualifiers: Water + Fish S Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	ogical DM WS-II acute  6.5 - 9.0   ng/L) acute TVS  TVS	MWAT WS-II 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	 0.02  TVS  TVS TVS TVS TVS WS
COSPCL14B Designation UP Qualifiers: Water + Fish S Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	ogical DM WS-II acute  6.5 - 9.0  tg/L) acute TVS  TVS  0.019	MWAT WS-II 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 Iron Iron(T)	Metals (ug/L) acute acute 340 TVS 5.0 50 TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect rati	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	ogical DM WS-II acute  6.5 - 9.0   og/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  126 thronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute acut	 0.02  TVS  TVS  TVS TVS WS 1000 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	ogical DM WS-II acute  6.5 - 9.0   og/L) acute TVS  0.019 0.005 10	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)           acute              340              TVS           5.0           TVS           50           TVS           SUP           TVS           SUP           SUP           TVS           TVS           TVS           TVS           SUP           TVS           SUP           SUP           SUP           SUP           SUP           SUP	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ogical DM WS-II acute  6.5 - 9.0  reg/L) acute TVS  0.019 0.005 10 	MWAT WS-II 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)           acute              340              TVS           5.0           TVS           TVS           TVS           50           TVS           TVS           50           TVS           50           TVS           50           TVS           TVS           TVS           TVS           S0           TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  244
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute  6.5 - 9.0  og/L) acute TVS  0.019 0.005 10  	MWAT WS-II chronic 5.0  126  126  0.75 250 0.011  0.5  0.5  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute acut	 0.02  TVS  TVS  TVS TVS WS 1000 TVS 244 0.01(t)
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ogical DM WS-II acute  6.5 - 9.0  ( 0.5 0.019 0.005 10      0.019	MWAT WS-II 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute acut	 0.02  TVS  TVS TVS TVS SWS 1000 TVS 1000 TVS 244 0.01(t) 150
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute  6.5 - 9.0  ( 0.5 0.019 0.005 10      0.019	MWAT WS-II chronic 5.0  126  126  0.75 250 0.011  0.5  0.5  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)         acute            340            TVS         5.0         TVS         50         TVS         S0         TVS         50         TVS         S0         TVS         TVS         S0         TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS 244 0.01(t) 150 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mc temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute  6.5 - 9.0  ( 0.5 0.019 0.005 10      0.019	MWAT WS-II chronic 5.0  126  126  0.75 250 0.011  0.5  0.5  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS         50         TVS         50         TVS         S0         TVS         S0         TVS            TVS         S0         TVS         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS            TVS            TVS            TVS            TVS            TVS   <	 0.02  TVS  TVS  TVS TVS (000 TVS  244 0.01(t) 150 TVS 1000 TVS 1000
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute  6.5 - 9.0  ( 0.5 0.019 0.005 10      0.019	MWAT WS-II chronic 5.0  126  126  0.75 250 0.011  0.5  0.5  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)         acute            340            340            TVS         50         TVS         50         TVS         S0         TVS         50         TVS         S0         TVS            TVS            TVS            TVS            TVS	 0.02  TVS  TVS TVS TVS 3000 TVS  244 0.01(t) 150 TVS 1000
COSPCL14B Designation UP Qualifiers: Water + Fish \$ Other: Temporary Mo temperature(D condition Expiration Date *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ratio	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute  6.5 - 9.0  ( 0.5 0.019 0.005 10      0.019	MWAT WS-II chronic 5.0  126  126  0.75 250 0.011  0.5  0.5  0.5 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS         50         TVS         50         TVS         S0         TVS         S0         TVS            TVS         S0         TVS         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS            TVS            TVS            TVS            TVS            TVS   <	 0.02  TVS  TVS  TVS TVS (000 TVS  244 0.01(t) 150 TVS 1000 TVS 1000

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

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	of Clear Creek from Youngfield Street	in Wheat Ridge, Colorado, to the con	fluence with th	ne South Pla	atte River.		
COSPCL15	Classifications	Physical and Biolo	gical			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 <sup>2</sup> )			Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	Inorganic (m	g/L)		Chromium III		TVS
Expiration Dat	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
temperature(D condition	DM/MWAT) = current	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	e of 6/30/2019	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
	: Aquatic life warm 1 goal qualifier. TVS x (times) the FWER (final water	Chlorine	0.019	0.011	Iron(T)		1000
effect ratio).		Cyanide	0.005		Lead	TVS	TVS
Expiration date *Zinc(chronic)	e of 12/31/20. = TVS x (times) the FWER (final	Nitrate	10		Lead(T)	50	
water effect ra	itio).	Nitrite		0.5	Manganese	TVS	TVS/WS
Expiration date	e of 12/31/20.	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*
16a. Mainsterr	n of Lena Gulch including all tributaries	s and wetlands from its source to the i	nlet of Maple	Grove Reser	rvoir.		
COSPCL16A	Classifications	Physical and Biolo	gical			Metels (us/l)	
<b>D</b>			•			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP UP	Agriculture Aq Life Warm 2	Temperature °C	-	MWAT WS-II	Aluminum		chronic 
-	Aq Life Warm 2 Recreation E	Temperature °C	DM		Aluminum Arsenic	acute	
UP	Aq Life Warm 2	Temperature °C D.O. (mg/L)	DM WS-II	WS-II	-	acute	
-	Aq Life Warm 2 Recreation E		DM WS-II acute	WS-II chronic	Arsenic	acute  340	
UP	Aq Life Warm 2 Recreation E	D.O. (mg/L)	DM WS-II acute 	WS-II chronic 5.0	Arsenic Arsenic(T)	acute  340 	  0.02-10 <sup>A</sup>
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02-10 <sup>A</sup> 
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute  6.5 - 9.0 	WS-II <b>chronic</b> 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	  0.02-10 <sup>A</sup> 
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0 	WS-II <b>chronic</b> 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0	 0.02-10 <sup>A</sup>  TVS 
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0   g/L)	WS-II chronic 5.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	  0.02-10 <sup>A</sup>  TVS  TVS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m	DM WS-II acute  6.5 - 9.0  g/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 <sup>A</sup>  TVS  TVS 
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia	DM WS-II acute  6.5 - 9.0   g/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 <sup>A</sup>  TVS  TVS  TVS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	DM WS-II acute  6.5 - 9.0   g/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:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	DM WS-II acute  6.5 - 9.0   g/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 TVS WS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	DM WS-II acute  6.5 - 9.0  g/L) acute TVS   0.019	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 TVS TVS WS 1000
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0   y/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	 0.02-10 A  TVS  TVS  TVS TVS TVS WS 1000 TVS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute  6.5 - 9.0    g/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 TVS 50	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS 
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute  6.5 - 9.0   0/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 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVSWS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0  y/L) acute TVS  0.019 0.005 10   	WS-II           chronic           5.0           150           126           Chronic           Chronic           0.75           250           0.011              0.05           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	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  () 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 Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  () 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 Molybdenum(T)	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  TVS/WS 0.01(t) 150 TVS
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  () 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 Molybdenum(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  TVS/WS 0.01(t) 150 TVS 100
UP Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute  6.5 - 9.0  () 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 50 TVS TVS TVS 50 TVS 5	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS

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

t = total

D.O. = dissolved oxygen DM = daily maximum

COSPCL16B	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		
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
17a. Arvada R	eservoir.						
COSPCL17A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	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: Vater + Fish	Standards	pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	Stanuarus	chlorophyll a (ug/L)		8	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
					Copper	TVS	TVS
			acute	chronic			
		Ammonia	acute TVS	chronic TVS	Iron		WS
		Ammonia Boron			lron lron(T)		1000
			TVS	TVS	Iron Iron(T) Lead		1000
		Boron	TVS	TVS 0.75	Iron Iron(T) Lead Lead(T)	 TVS 50	1000 TVS 
		Boron Chloride	TVS 	TVS 0.75 250	Iron Iron(T) Lead Lead(T) Manganese	 TVS	1000 TVS  TVS/WS
		Boron Chloride Chlorine	TVS  0.019	TVS 0.75 250 0.011	Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS  0.019 0.005	TVS 0.75 250 0.011 	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t) 150
		Boron Chloride Chlorine Cyanide Nitrate	TVS  0.019 0.005 10	TVS 0.75 250 0.011 	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS  0.019 0.005 10 	TVS 0.75 250 0.011  0.05	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t) 150 TVS 100
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 	TVS 0.75 250 0.011  0.05 0.025	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.05 0.025 WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	1000 TVS  TVS/WS 0.01(t) 150 TVS 100
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.05 0.025 WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

	If of Italstoff Ofeek, including	all tributaries and wetlands, from the source	ce to the inlet of Ar	ada Reservo	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		
	Recreation U		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron	iic) = hybrid				Chromium III(T)	50	
Expiration Dat	te of 12/31/2021	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
18a. Mainsten	m of Ralston Creek, including	all tributaries and wetlands, from the outle	t of Arvada Reserv	oir to the cor	fluence with Clear Creek.		
	n of Ralston Creek, including	all tributaries and wetlands, from the outle Physical and		oir to the cor	1	Metals (ug/L)	
COSPCL18A	-			oir to the cor	1	Metals (ug/L) acute	chronic
COSPCL18A	Classifications		Biological		1		chronic 
COSPCL18A Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	<b>MWAT</b> WS-II	Aluminum	acute	
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	acute  340	
COSPCL18A Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02-10 <sup>A</sup>
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340 	  0.02-10 <sup>A</sup> 
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium	acute  340   TVS	  0.02-10 <sup>A</sup>  TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0	 0.02-10 A  TVS 
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0   c (mg/L)	MWAT WS-II chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02-10 <sup>A</sup>  TVS  TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute  6.5 - 9.0   c (mg/L) acute	MWAT WS-II chronic 5.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02-10 <sup>A</sup>  TVS  TVS 
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0   c (mg/L) TVS	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75	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 TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  	MWAT WS-II chronic 5.0  150 126 0.25 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium 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
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  150 126 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS WS 1000
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT WS-II chronic 5.0  150 126 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS TVS WS 1000 TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.5	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	acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) acute TVS  0.019 0.005 10  10	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50	 0.02-10 A  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) acute TVS  0.019 0.005 10  10	MWAT WS-II chronic 5.0  150 126 Chronic TVS 0.75 250 0.011  0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 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 TVS TVS TVS TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 1000
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute  340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 0.01(t) 150 TVS 1000 TVS 1000
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 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 TVS TVS TVS TVS TVS TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 1000

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

t = total

D.O. = dissolved oxygen DM = daily maximum

Clear Creek.	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		
01	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0		Beryllium		0.02-10
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
Jther:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
				120	Chromium III		TVS
		Inorgan	ic (mg/L)			 50	
		A	acute	chronic	Chromium III(T)	TVS	TVS
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper		
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005			TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
COSPCL19	Classifications	wetlands, within the Mt. Evans Wilderness Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
DW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Juliel.		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
				.20	Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
		inorgan	acute	chronic	Copper	TVS	TVS
				UNIONIC			WS
		Ammonia		T\/9	Iron		
		Ammonia	TVS	TVS	Iron Iron(T)		
		Boron	TVS	0.75	lron(T)		1000
		Boron Chloride	TVS 	0.75 250	Iron(T) Lead	 TVS	1000 TVS
		Boron Chloride Chlorine	TVS  0.019	0.75 250 0.011	Iron(T) Lead Lead(T)	 TVS 50	1000 TVS 
		Boron Chloride Chlorine Cyanide	TVS  0.019 0.005	0.75 250 0.011 	Iron(T) Lead Lead(T) Manganese	 TVS 50 TVS	1000 TVS  TVS/WS
		Boron Chloride Chlorine Cyanide Nitrate	TVS  0.019 0.005 10	0.75 250 0.011 	Iron(T) Lead Lead(T) Manganese Mercury	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS  0.019 0.005 10 	0.75 250 0.011  0.05	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t) 150
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 	0.75 250 0.011  0.05 0.11	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	0.75 250 0.011  0.05 0.11 250	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	1000 TVS  TVS/WS 0.01(t) 150 TVS 100
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 	0.75 250 0.011  0.05 0.11	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	0.75 250 0.011  0.05 0.11 250	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 50 TVS  TVS TVS TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS TVS(tr)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	0.75 250 0.011  0.05 0.11 250	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

	a reservoirs in the orear oreek system t	hat are within the boundary of the I	Nit. Evans Wilde	rness Area.			
COSPCL20	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*ahlaranhull a		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	(chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
		Inorganic (	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		250	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	d reservoirs in the Clear Creek system f	from sources to the Farmer's Highli	ne Canal diversi	ion in Golden	. CO, except as specified i	in Segments 7, 20, 22	and 25 Unner
					,,		and 20. Opper
Long Lake. COSPCL21	Classifications	Physical and Bio			· · ·	Metals (ug/L)	
		Physical and Bio		MWAT	· · ·	_	chronic
COSPCL21		Physical and Bio	ological		· · ·	Metals (ug/L)	
COSPCL21 Designation	Agriculture		ological DM	MWAT		Metals (ug/L) acute	chronic
COSPCL21 Designation	Agriculture Aq Life Cold 1		ological DM CL	MWAT CL	Aluminum	Metals (ug/L) acute 	chronic 
COSPCL21 Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	Dogical DM CL acute	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSPCL21 Designation Reviewable*	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Diogical DM CL acute 	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic  0.02
COSPCL21 Designation Reviewable* Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)	Diogical DM CL acute 	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340 	chronic  0.02 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Dological DM CL acute   6.5 - 9.0	MWAT CL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340  TVS(tr)	chronic  0.02  TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Diogical DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Diogical DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 	chronic              0.02              TVS              TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Diogical DM CL acute  6.5 - 9.0  	MWAT CL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoirs *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Diogical DM CL acute  6.5 - 9.0  (mg/L) acute	MWAT CL chronic 6.0 7.0  8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation: *Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia	Diogical DM CL acute  6.5 - 9.0  (mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS SVS WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation: *Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	Diogical DM CL acute  6.5 - 9.0  (mg/L) acute TVS	MWAT CL chronic 6.0 7.0  8* 126  chronic T∨S 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation: *Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	blogical DM CL acute   6.5 - 9.0  (mg/L) acute T∨S 	MWAT CL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	Chronic  0.02  TVS  TVS  TVS TVS WS 1000
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	Diogical DM CL acute  6.5 - 9.0 6.5 - 9.0  (mg/L) acute TVS  TVS	MWAT CL chronic 6.0 7.0  8* 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)         acute            340            TVS(tr)         5.0            TVS(tr)         5.0            TVS         TVS         TVS         TVS         TVS         TVS         50         TVS         50         TVS         50         TVS         50	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	Diogical DM CL acute  6.5 - 9.0  (mg/L) acute TVS  TVS  0.019 0.005	MWAT CL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation: *Phosphorus(	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	Diogical DM CL acute  6.5 - 9.0 6.5 - 9.0  (mg/L) acute TVS  TVS	MWAT CL chronic 6.0 7.0  8* 126  0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)         acute            340            TVS(tr)         5.0            TVS(tr)         5.0            TVS         TVS         TVS         5.0         TVS         5.0         TVS         5.0         TVS         5.0         TVS         5.0         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         S0         TVS         S0         TVS         S0         TVS	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Diogical DM CL acute  6.5 - 9.0  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10	MWAT CL chronic 6.0 7.0  8* 126 8* 126 0.0 125 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	Metals (ug/L)  acute  340 TVS(tr) 5.0 50 50 TVS 50 TVS 50	Chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Diogical DM CL acute   6.5 - 9.0  (mg/L) mg/L) CUS  0.019 0.005 10 10 	MWAT CL chronic 6.0 7.0 4 126 0 0 0 0 0 0 0.011  0.05 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS   	Chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Diogical DM CL CL acute acute  ( (mg/L) CVS  (mg/L) 0.005 10 0.005 10  10  10  10  10  10  10  10  	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           7.0           0.01           0.011              0.011              0.025*           0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS         50         TVS            TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS         TVS            TVS            TVS            TVS            TVS               TVS	chronic            0.02            TVS         0.00         TVS         0.01(t)         150         TVS         1000
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Diogical DM CL acute   6.5 - 9.0  (mg/L) mg/L) CUS  0.019 0.005 10 10 	MWAT CL chronic 6.0 7.0 4 126 0 0 0 0 0 0 0.011  0.05 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS	Chronic TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Diogical DM CL CL acute acute  ( (mg/L) CVS  (mg/L) 0.005 10 0.005 10  10  10  10  10  10  10  10  	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           7.0           0.01           0.011              0.011              0.025*           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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS         50         TVS         50         TVS            TVS            TVS            TVS            TVS               TVS <tr tr="">       &lt;</tr>	chronic            0.02            TVS         0.00         TVS         0.01(t)         150         TVS         1000
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *chlorophyll a and reservoir: *Designation:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2021 a (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. : 9/30/00 Baseline does not apply (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Diogical DM CL CL acute acute  ( (mg/L) CVS  (mg/L) 0.005 10 0.005 10  10  10  10  10  10  10  10  	MWAT           CL           chronic           6.0           7.0           8*           126           Chronic           7.0           0.01           0.011              0.011              0.025*           0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         50         TVS         TVS         TVS         TVS         TVS	Chronic TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

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

	reservoirs in the North Clear Creek dr			Chase Gulch			
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		
oblorophyllio	(ug/L)(obronio) - opplice only to lake	рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III(T)		100
	hronic) = applies only to lakes and er than 25 acres surface area.				Chromium VI	TVS	TVS
eeerrene larg		Inorgani	c (mg/L)		Copper	TVS	TVS
			acute	chronic	lron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
23. Ralston Re	eservoir						
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:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Water + Fish	Standards	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes				Chromium III(T)	50	
	larger than 25 acres surface area.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
	larger than 20 acres surface area.				Copper	TVS	TVS
Phosphorus(c	chronic) = applies only to lakes and		acute	chronic	Coppo.		
Phosphorus(o	shronic) = applies only to lakes and er than 25 acres surface area.	Ammonia	acute TVS	TVS	Iron		WS
Phosphorus(c	chronic) = applies only to lakes and	Ammonia Boron					
Phosphorus(c	chronic) = applies only to lakes and		TVS	TVS	Iron		1000
Phosphorus(	chronic) = applies only to lakes and	Boron	TVS	TVS 0.75	Iron Iron(T)		WS 1000 TVS 
Phosphorus(o	chronic) = applies only to lakes and	Boron Chloride	TVS 	TVS 0.75 250	Iron Iron(T) Lead	  TVS	1000 TVS
Phosphorus(o	chronic) = applies only to lakes and	Boron Chloride Chlorine	TVS  0.019	TVS 0.75 250 0.011	Iron Iron(T) Lead Lead(T)	  TVS 50	1000 TVS 
Phosphorus(o	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide	TVS  0.019 0.005	TVS 0.75 250 0.011 	Iron Iron(T) Lead Lead(T) Manganese	 TVS 50 TVS	1000 TVS  TVS/WS
Phosphorus(c	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide Nitrate	TVS  0.019 0.005 10	TVS 0.75 250 0.011 	Iron Iron(T) Lead Lead(T) Manganese Mercury	  TVS 50 TVS 	1000 TVS  TVS/WS 0.01(t)
Phosphorus(o	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS  0.019 0.005 10 	TVS 0.75 250 0.011  0.05	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 50 TVS 	1000 TVS TVS/WS 0.01(t) 150 TVS
Phosphorus(c	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS  0.019 0.005 10 	TVS 0.75 250 0.011  0.05 0.025*	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Phosphorus(c	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.05 0.025* WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Phosphorus(	chronic) = applies only to lakes and	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS  0.019 0.005 10  	TVS 0.75 250 0.011  0.05 0.025* WS	Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

OSPCL24	ments 17a, 21 and 23. Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chroni
eviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS*	pH	6.5 - 9.0		Beryllium		
alifiers:	·	chlorophyll a (ug/L)		20*	Cadmium	TVS	TV
her:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
			nic (mg/L)		Chromium III		TV
	odification(s):	liiorgai	acute	chronic	Chromium III(T)	50	-
-	ic) = hybrid e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TV
				0.75		TVS	TV
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Boron			Copper		W
d reservoirs	larger than 25 acres surface area.	Chloride		250	Iron		
assification	: DUWS applies to Maple Grove	Chlorine	0.019	0.011	Iron(T)		100
nosphorus(	chronic) = applies only above the	Cyanide	0.005		Lead	TVS	TV
	at 38.5(4), applies only to lakes and er than 25 acres surface area.	Nitrate	10		Lead(T)	50	
	,	Nitrite		0.5	Manganese	TVS	TVS/W
		Phosphorus		0.083*	Mercury		0.01(1
		Sulfate		WS	Molybdenum(T)		15
		Sulfide		0.002	Nickel	TVS	TV
					Nickel(T)		10
					Selenium	TVS	TV
					Silver	TVS	TV
					Uranium		
					Zinc	TVS	TV
. Guanella I	Reservoir (near Town of Empire, 39.75	8,-105.700)					
SPCL25	Classifications	Physical and	-			Metals (ug/L)	
signation	Agriculture		DM	MWAT		acute	chron
viewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	-
alifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.
her:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS(tr)	TV
lorophyll a treservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	ΤV
nosphorus(	chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium III(T)		10
ervoirs larg	er than 25 acres surface area.				Chromium VI	TVS	ΤV
		Inorgai	nic (mg/L)		Copper	TVS	TV
			acute	chronic	Iron(T)		100
		Ammonia	TVS	TVS	Lead	TVS	TV
		Boron		0.75	Manganese	TVS	TV
		Chloride			Mercury		0.01(
		0.1101100		0.011	Molybdenum(T)		
		Chlorine	0 0 1 0				
		Chlorine	0.019		Nickel	TVS	TV
		Cyanide	0.005		Nickel	TVS	
		Cyanide Nitrate	0.005 100		Selenium	TVS	τv
		Cyanide Nitrate Nitrite	0.005	  0.05	Selenium Silver	TVS TVS	TV TVS(t
		Cyanide Nitrate Nitrite Phosphorus	0.005 100		Selenium Silver Uranium	TVS TVS 	TV TV TVS(t
		Cyanide Nitrate Nitrite	0.005 100 	  0.05	Selenium Silver	TVS TVS	TV TVS(t

<ol> <li>Mainstem o and 6.</li> </ol>	f Big Dry Creek, including all tributaries	and wellands, norm the source i		iin ine Souii	r Flatte River, exception sp	becine listing in Segme	ents 4a, 4b, 5
COSPBD01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation P		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 <sup>2</sup> )		150*	Beryllium(T)		100
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	E. Coli (per 100 mL)		205	Cadmium	TVS	TVS
*Phosphorus(d	chronic) = applies only above the	Inorgani	c (mg/L)		Chromium III	TVS	TVS
facilities listed *Selenium(acu	at 38.5(4). ute) = 19.1 ug/L from 11/1 - 3/31		acute	chronic	Chromium III(T)		100
TVS from 4/1	- 10/31.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Refer to Section *Selenium(chr	on 38.6(4)(d). onic) = 15 ug/L from 11/1 - 3/31	Boron		0.75	Copper	TVS	TVS
7.4 ug/L from		Chloride			Iron(T)		1000
Refer to Section	5N 38.6(4)(d).	Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	100		Mercury		0.01(t)
		Nitrite		4.5	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate			Selenium		varies*
		Sulfide		0.002	Selenium	varies*	
		Sunde		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
2. Standley La	ko				ZINC	173	103
COSPBD02	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
	DUWS	рН	6.5 - 9.0		Beryllium		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	adification(a):	Inorgani	c (ma/l )		Chromium III		TVS
Arsenic(chroni		linorgani	acute	chronic	Chromium III(T)	50	
-	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
	(ug/L)(chronic) = The trophic status of shall be maintained as mesotrophic	Chloride		250	Iron		WS
as measured b	by a combination of common indicator		0.019	0.011	Iron(T)		1000
	ich as total phosphorus, chlorophyll a, and dissolved oxygen. Refer to	Chlorine Cyanide	0.019		Lead	TVS	TVS
Section 38.6(4	l)(e). hronic) = 3(t) Picocuries/Liter. See				Lead(T)	50	100
	2 for additional standards for	Nitrate	10				TVEANE
		Nitrite		0.5	Manganese Mercury	TVS	TVS/WS 0.01(t)
segment 2.		Phosphorus			-		
segment 2.		Cultote			Molybdenum(T)		150
segment 2.		Sulfate		WS	Niekol	TVO	TVO
segment 2.		Sulfate Sulfide		WS 0.002	Nickel	TVS	TVS
segment 2.					Nickel(T)		100
segment 2.					Nickel(T) Selenium	 TVS	100 TVS
segment 2.					Nickel(T) Selenium Silver	 TVS TVS	100 TVS TVS
segment 2.					Nickel(T) Selenium Silver Uranium	 TVS	100 TVS TVS 
segment 2.					Nickel(T) Selenium Silver	 TVS TVS	100 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 See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	1						
-	Classifications	Physical and E	-		N	letals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		100
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Beryllium(T)		100
*Uranium(T)(c	hronic) = 4(t) Picocuries/Liter. See	E. Coli (per 100 mL)		630	Cadmium	TVS	TVS
attached table	2 for additional standards for segment	Inorgani	c (mg/L)		Chromium III	TVS	TVS
3.			acute	chronic	Chromium III(T)		100
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride			Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	100		Mercury		0.01(t)
		Nitrite		2.7	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Uranium(T)		4*
					Zinc	TVS	TVS
4a. Mainstem	and all tributaries to Woman and Waln	ut Creeks from sources to Standl	ey Lake and Great	Western Re	servoir except for specific li	stings in Segments 4	b and 5.
COSPBD04A	Classifications	Physical and E	Biological		N	letals (ug/L)	
Designation			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	14/01				
			WS-I	WS-I	Aluminum		
	Recreation E		acute	WS-I chronic	Aluminum Arsenic	 340	
<b>A</b> 11/1	Recreation E Water Supply	D.O. (mg/L)			-		
Qualifiers:		D.O. (mg/L) pH	acute	chronic	Arsenic	340	
Qualifiers: Other:		D.O. (mg/L)	acute	chronic 5.0	Arsenic Arsenic(T)	340	 0.02-10 <sup>A</sup>
Other:	Water Supply	D.O. (mg/L) pH	acute  6.5 - 9.0	chronic 5.0 	Arsenic Arsenic(T) Beryllium	340  	 0.02-10 <sup>A</sup> 4.0
<b>Other:</b> *Uranium(T)(c		D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	acute  6.5 - 9.0 	<b>chronic</b> 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS	 0.02-10 <sup>A</sup> 4.0 TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 5.0  150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340   TVS 5.0	 0.02-10 <sup>A</sup> 4.0 TVS 
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute  6.5 - 9.0  c (mg/L)	<b>chronic</b> 5.0  150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340   TVS 5.0 	 0.02-10 <sup>A</sup> 4.0 TVS  TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	acute  6.5 - 9.0  c (mg/L) acute	chronic           5.0              150           126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS 5.0  50	 0.02-10 <sup>A</sup> 4.0 TVS  TVS 
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania	acute  6.5 - 9.0  c (mg/L) acute TVS	chronic           5.0              150           126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS 5.0  50 TVS	 0.02-10 <sup>A</sup> 4.0 TVS  TVS  TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute  6.5 - 9.0  c (mg/L) 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	340  TVS 5.0  50 TVS TVS	 0.02-10 <sup>A</sup> 4.0 TVS  TVS TVS TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute  6.5 - 9.0  c (mg/L) c (mg/L) 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(T)	340  TVS 5.0  50 TVS TVS 	A 0.02-10 A 4.0 TVS  TVS TVS TVS 1000
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	chronic           5.0              150           126           chronic           TVS           0.75              0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	340  TVS 5.0  50 TVS TVS  TVS	A 0.02-10 A 4.0 TVS  TVS TVS TVS 1000 TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  c (mg/L) c (mg/L) C (mg/L) c (ng/L) 0.019 0.005	chronic         5.0            150         126         chronic         TVS         0.75            0.011	Arsenic Arsenic(T) Beryllium 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 <sup>A</sup> 4.0 TVS  TVS TVS TVS 1000 TVS 
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10	chronic         5.0            150         126         chronic         TVS         0.75            0.011	Arsenic Arsenic(T) Beryllium 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 <sup>A</sup> 4.0 TVS  TVS TVS 1000 TVS  TVS 1000 TVS
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   c (mg/L) acute TVS  0.019 0.005 10	chronic           5.0              150           126           Chronic           TVS           0.75              0.011              0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury	340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS	 0.02-10 A 4.0 TVS  TVS TVS 1000 TVS 1000 TVS  TVS 0.01(t)
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS	A 0.02-10 A 4.0 TVS  TVS TVS 1000 TVS 1000 TVS  TVS 0.01(t) 150
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS	 0.02-10 <sup>A</sup> 4.0 TVS  TVS TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Other: *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01(t) 150 TVS 100
<b>Other:</b> *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS  TVS  TVS	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 150 TVS
Other: *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS  TVS  TVS 	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 150 TVS
Other: *Uranium(T)(c	Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgania Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  c (mg/L) x C (mg/L) x C (mg/L) 0.019 0.005 10 10  10	<pre>chronic 5.0 150 126 126 chronic TVS 0.75 0.011 0.011 0.5 0.17</pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver Uranium	340  TVS 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS  TVS  TVS  TVS	 0.02-10 A 4.0 TVS  TVS 1VS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS

COSPBD04B	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		pН	6.5 - 9.0		Beryllium		4.0
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
··· · · · · · · · · · · · · · · · · ·		E. Coli (per 100 mL)		205	Cadmium(T)	5.0	
	hronic) = See attached table 2 for dards for segment 4b.	Inorgan	ic (mg/L)		Chromium III		TVS
	, i i i i i i i i i i i i i i i i i i i		acute	chronic	Chromium III(T)	50	
		Ammonia			Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride			lron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum(T)		150
		Sulfate			Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Uranium(T)		16.8*
					Zinc	TVS	TVS

<ol> <li>North Waln eastern bound</li> </ol>	ut Creek from the western edge of the lary of the Central Operable Unit and	e Central Operable Unit and South Pond C-2 on Woman Creek.	Walnut Creek from	n its source,	including all tributaries, lake	es, reservoirs and we	tlands, to the
COSPBD05	Classifications	Physical and	Biological		Ν	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Designation Agriculture JP Aq Life Warm 2 Recreation N Water Supply Qualifiers:	Temperature °C	WL	WL	Aluminum			
	Recreation N	Temperature °C	WS-II	WS-II	Arsenic	340	
	Water Supply				Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:			acute	chronic	Beryllium		4.0
Other:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Cadmium(T)	5.0	
	hronic) = See attached table 2 for idards for segment 5.	chlorophyll a (mg/m <sup>2</sup> )			Chromium III		TVS
	C C	E. Coli (per 100 mL)		630	Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia			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		0.01(t)
		Nitrate	10		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Nickel(T)		100
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Uranium(T)		16.8*
					Zinc	TVS	TVS

0. Opper big b	Dry Creek and South Opper Big Dry Cr	eek, from their source to Standle	еу Lаке.				
COSPBD06	Classifications	Physical and	Biological		N	letals (ug/L)	
_	Agriculture		DM	MWAT		acute	chronic
	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 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
		Inorgan	iic (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		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
7 Lokoo and r	eservoirs in the Big Dry Creek system	from the source to the confluen	as with the Couth D	In the Division of	veent for an edific listings in t	Commonte O. O. and F	
		1		latte River, e	Ĩ		-
COSPBD07	Classifications	Physical and	Biological		Ĩ	letals (ug/L)	
COSPBD07 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	N	letals (ug/L) acute	chronic
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2	1	Biological DM WL	MWAT WL	N Aluminum	letals (ug/L) acute 	
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C	Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic	Netals (ug/L) acute  340	chronic 
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T)	letals (ug/L) acute  340 	<b>chronic</b>   0.02-10 <sup>A</sup>
COSPBD07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340 	chronic   0.02-10 <sup>A</sup> 
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	Biological DM WL acute  6.5 - 9.0	MWAT WL chronic 5.0  20*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T)	letals (ug/L) acute  340  	chronic  0.02-10 A  100
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above	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 Beryllium(T) Cadmium	letals (ug/L) acute  340    TVS	chronic  0.02-10 <sup>A</sup>  100 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a ( the facilities lis	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	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   uic (mg/L)	MWAT WL chronic 5.0  20* 205	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T)	letals (ug/L) acute  340    TVS 5.0	chronic  0.02-10 <sup>A</sup>  100 TVS 
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a ( the facilities lis and reservoirs *Phosphorus(c	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar	Biological DM WL acute  6.5 - 9.0  tic (mg/L) acute	MWAT WL chronic 5.0  20* 205 chronic	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T) Chromium III	letals (ug/L) acute  340   TVS 5.0 	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area.	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  () () with (mg/L) acute TVS	MWAT WL chronic 5.0  20* 205 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III	Itetals (ug/L)           acute              340                 TVS           5.0              50	chronic  0.02-10 A  100 TVS  TVS 
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron	Biological DM WL acute  6.5 - 9.0  tic (mg/L) acute TVS 	MWAT WL chronic 5.0  20* 205 205 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	Tetals (ug/L)           acute              340                 TVS           5.0              50           TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS  TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	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  ic (mg/L) acute T∨S  	MWAT WL chronic 5.0  20* 205 Chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper	Tetals (ug/L)           acute              340                 TVS           5.0              50           TVS           S0           TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS  TVS TVS TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	Biological DM WL acute  6.5 - 9.0  ic (mg/L) xcute TVS  0.019	MWAT WL chronic 5.0  20* 205 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	letals (ug/L)         acute            340            TVS         5.0            50         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         TVS         TVS         TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS  TVS TVS TVS WS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM VL acute  6.5 - 9.0  bic (mg/L) acute TVS  0.019 0.005	MWAT WL chronic 5.0  20* 205 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	letals (ug/L)         acute            340               TVS         5.0            50         TVS         TVS            50         TVS	chronic  0.02-10 A  100 TVS  TVS TVS TVS TVS WS 1000
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WL acute  6.5 - 9.0       	MWAT WL chronic 5.0  20* 205 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	Itetals (ug/L)           acute              340                 TVS           50           TVS           S0           TVS           S0           TVS           TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS TVS TVS TVS WS 1000 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WL acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)  (.5 - 9.0)  0.019 0.005 10 10	MWAT WL chronic 5.0  20* 205 chronic TVS 0.75 250 0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Itetals (ug/L)         acute            340               TVS         5.0            50         TVS         50         TVS            50         TVS            50         TVS         50         TVS         50         TVS         50         TVS         50	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS TVS TVS TVS WS 1000 TVS 
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WL acute  6.5 - 9.0  ()  bic (mg/L) T√S  0.019 0.005 10 10  10 	MWAT WL chronic 5.0  20* 205 0.01 TVS 0.75 250 0.011  0.011  0.5 0.083*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	letals (ug/L)         acute            340            TVS         5.0         TVS         50         TVS         TVS         50         TVS         S0	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS  TVS S TVS WS 1000 TVS 1000 TVS  TVSWS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Itetals (ug/L)         acute            340            TVS         50         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         S0         TVS         TVS         TVS         TVS         TVS         TVS         S0	chronic  0.02-10 A  100 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVSWS 0.01(t)
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WL acute  6.5 - 9.0  ()  bic (mg/L) T√S  0.019 0.005 10 10  10 	MWAT WL chronic 5.0  20* 205 0.01 TVS 0.75 250 0.011  0.011  0.5 0.083*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Itetals (ug/L)         acute            340               TVS         50         TVS         TVS         50         TVS         50         TVS         50         TVS         S0         TVS            TVS            TVS         50         TVS         50         TVS            TVS         50         TVS	chronic  0.02-10 A  100 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS S WS 1000 TVS S US 1000 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Itetals (ug/L)           acute              340                 TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS           TVS           TVS           TVS           TVS           TVS           TVS           S0           TVS           S0           TVS           S0           TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	letals (ug/L)         acute            340            340            50         TVS         50         TVS         50         TVS         50         TVS         50         TVS            TVS         50         TVS            TVS         50         TVS            TVS            TVS	chronic  0.02-10 <sup>A</sup>  100 TVS  TVS TVS TVS 3 WS 1000 TVS 1000 TVS 0.01 tVS 0.01(t) 150 TVS 100
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Itetals (ug/L)         acute            340            TVS         5.0            S0         TVS         50         TVS         S0         TVS         S0         TVS         S0         TVS	chronic  0.02-10 A  100 TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Idetals (ug/L)         acute            340            TVS         50         TVS         50         TVS         50         TVS         S0         TVS            TVS            TVS <tr< td=""><td>chronic  0.02-10 A  100 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS</td></tr<>	chronic  0.02-10 A  100 TVS  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute  6.5 - 9.0  0.0 C xic (mg/L) C  0.019 0.005 10 10  10  10  10  10  10  	MWAT WL chronic 5.0  20* 205 0.01 Chronic TVS 0.75 250 0.011  0.5 0.083* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Itetals (ug/L)         acute            340            TVS         5.0            S0         TVS         50         TVS         S0         TVS         S0         TVS         S0         TVS	chronic  0.02-10 A  100 TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

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

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

COSPBO01		ands, within the Indian Peaks and	James Peak Wilder	ness Areas.			
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
		Inorgan	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		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	of Boulder Creek, including all tributa k, except for the specific listings in Se		dary of the Indian Pe	aks Wilderne	ess Area to a point immedi	ately below the conflue	nce with North
	Classifications	-					
		Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture		l Biological DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C	-	MWAT CS-I	Aluminum		chronic
-			DM		Aluminum Arsenic	acute	
-	Aq Life Cold 1		DM CS-I	CS-I		acute	
-	Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic	Arsenic	acute  340	
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
Reviewable Qualifiers: Other:	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	Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Reviewable Qualifiers: Other: Temporary M	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 	Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-1 acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis	Aq Life Cold 1 Recreation E Water Supply fodification(s): nic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4).	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-1 acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340   TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers:         Other:         Temporary M         Arsenic(chron         Expiration Date         *chlorophyll a         the facilities list         *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0  	CS-I chronic 6.0 7.0  150* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS(tr) 5.0 50 TVS	 0.02  TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e	DM CS-1 acute  6.5 - 9.0   hic (mg/L) acute	CS-I chronic 6.0 7.0  150* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS
Qualifiers:         Other:         Temporary M         Arsenic(chron         Expiration Date         *chlorophyll a         the facilities list         *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Inorgan         Ammonia	DM CS-I acute  6.5 - 9.0   hic (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	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Qualifiers:         Other:         Temporary M         Arsenic(chron         Expiration Date         *chlorophyll a         the facilities list         *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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) e Ammonia Boron	DM CS-I acute  6.5 - 9.0   nic (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 Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS WS 1000
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) e Ammonia Boron Chloride	DM 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	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chlorine	DM CS-I acute  6.5 - 9.0  hic (mg/L) acute TVS  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)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS 
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Inorgan         Ammonia         Boron         Chloride         Chlorine         Cyanide	DM CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM CS-I acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10 	CS-I 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 Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TV 5 50 TVS 50 TV 5 50 TV 5 50 TV 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0   0.019 0.005 10  10	CS-I chronic 6.0 7.0 150* 126 0 chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	DM CS-I acute   6.5 - 9.0    0.01 TVS  TVS  0.019 0.005 10  	CS-I 6.0 7.0 150* 126 <b>chronic</b> 7VS 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000
Qualifiers: Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute   6.5 - 9.0    0.01 TVS  TVS  0.019 0.005 10  	CS-I chronic 6.0 7.0 150* 126 0 chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a the facilities lis *Phosphorus()	Aq Life Cold 1 Recreation E Water Supply fodification(s): hic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only abov sted 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)         e         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute   6.5 - 9.0    0.01 TVS  TVS  0.019 0.005 10  	CS-I chronic 6.0 7.0 150* 126 0 chronic TVS 0.75 250 0.011  0.05 0.11* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	0.02 TVS TVS TVS TVS TVS TVS,WS 0.01(t) 150 TVS 1000 TVS 1

All metals are dissolved unless otherwise noted.

T = total recoverable

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

confluence wit	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nyoloal ana	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni	e of 12/31/2021	co. (por 100 m2)		.20	Chromium III(T)	50	
•		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	inorgan	acute	chronic	Copper	TVS	TVS
Phosphorus(	chronic) = applies only above the	Ammonia	TVS	TVS	Iron		ws
acilities listed	at 38.5(4).			0.75	Iron(T)		1000
		Boron Chloride			Lead	TVS	TVS
				250	Lead(T)	50	
		Chlorine	0.019	0.011		TVS	TVS/WS
		Cyanide	0.005		Manganese Mercury		0.01(t)
		Nitrate	10				
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium 		
Mainatama	f Middle Daulder Creak including all tri	hutorico and waterials from the	course to the cutle		Zinc	TVS	TVS
	f Middle Boulder Creek, including all tri			t of Barker R	Zinc eservoir, except for specifi	TVS c listings in Segment	TVS
COSPBO03	Classifications	butaries and wetlands, from the Physical and		t of Barker R	Zinc eservoir, except for specifi	TVS	TVS
3. Mainstem o COSPBO03 Designation Reviewable			Biological		Zinc eservoir, except for specifi	TVS c listings in Segment Metals (ug/L)	TVS 1.
COSPBO03 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc eservoir, except for specifi	TVS c listings in Segment Metals (ug/L) acute	TVS 1. chronic
COSPBO03 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Zinc teservoir, except for specifi Aluminum Arsenic	TVS c listings in Segment Metals (ug/L) acute 	TVS 1. chronic 
COSPBO03 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 eservoir, except for specifi Aluminum Arsenic Arsenic(T)	TVS c listings in Segment Metals (ug/L) acute  340	TVS 1. chronic 
COSPBO03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-1 acute 	MWAT CS-I chronic 6.0	Zinc teservoir, except for specifi Aluminum Arsenic	TVS c listings in Segment Metals (ug/L) acute  340 	TVS 1. chronic  0.02 
COSPBO03 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS c listings in Segment Metals (ug/L) acute  340   TVS(tr)	TVS 1. chronic  0.02
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-1 acute  6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS c listings in Segment Metals (ug/L) acute  340 	TVS 1. chronic  0.02  TVS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni	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 <sup>2</sup> )	Biological DM CS-1 acute  6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0  150*	Zinc reservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS 1. chronic  0.02  TVS  TVS
COSPBO03 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  	MWAT CS-I chronic 6.0 7.0  150*	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS c listings in Segment Metals (ug/L) acute  340  340  TVS(tr) 5.0  50	TVS 1. chronic  0.02  TVS  TVS 
COSPBO03 Designation Reviewable Qualifiers: Other: Temporary M ursenic(chroni Expiration Dat chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-1 acute  6.5 - 9.0  c ic (mg/L)	MWAT CS-I chronic 6.0 7.0  150* 126	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS c listings in Segment Metals (ug/L) acute 340  340  TVS(tr) 5.0  50 TVS	TVS 1. chronic  0.02  TVS  TVS  TVS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	Biological DM CS-1 acute  6.5 - 9.0  (c (mg/L) acute	MWAT CS-I chronic 6.0 7.0  150* 126 chronic	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	TVS 1. chronic  0.02  TVS  TVS  TVS TVS TVS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0  150* 126 chronic TVS	Zinc teservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	TVS 1. chronic  0.02  TVS  TVS  TVS TVS WS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) 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 eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS c listings in Segment Metals (ug/L) acute  340  340  50 TVS(tr) 5.0  50 TVS TVS TVS	TVS 1. chronic  0.02  TVS  TVS  TVS VS TVS WS 1000
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-1 acute  6.5 - 9.0  control	MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS c listings in Segment Metals (ug/L) acute ac	TVS 1. chronic  0.02  TVS  TVS  TVS TVS WS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute  6.5 - 9.0  () cr cr cr cr cr cr cr cr cr cr	MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250 0.011	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	TVS 1. chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS 
COSPBO03 Designation teviewable Dualifiers: Dther: Temporary M. Arsenic(chronionic) ixpiration Data te facilities lis Phosphorus(of Cosphorus(of	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  () CS   bic (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 teservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	TVS 1. chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVSWS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  () CS  0.5  0.019 0.005 10	MWAT CS-I chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250 0.011 	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS c listings in Segment Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS 1. chronic  0.02  TVS TVS  TVS TVS WS 1000 TVS  TVS WS 0.01(t)
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-1 acute  6.5 - 9.0  () () cr cr cr cr cr cr cr cr cr cr	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 126 0.011 0.05	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS c listings in Segment Metals (ug/L) acute ac	TVS 1. chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  ()  () cr 0.019 0.005 10  10 	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 VS 0.75 250 0.011  0.05 0.11*	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS c listings in Segment Metals (ug/L)  acute a	TVS 1. chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 10  	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 5 0.75 250 0.011  0.05 0.11* WS	Zinc eservoir, except for specifi Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS           c listings in Segment           Metals (ug/L)           acute              340              340              340              340              50           TVS           TVS              50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS           50           TVS              TVS	TVS 1. chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  ()  () cr 0.019 0.005 10  10 	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 VS 0.75 250 0.011  0.05 0.11*	Zinc eservoir, except for specifi 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 Molybdenum(T) Nickel Nickel(T) Selenium	TVS c listings in Segment Metals (ug/L) acute ac	TVS 1. chronic  0.02  TVS  TVS TVS 0.01(t) 150 TVS 1000 TVS 0.01(t) 150 TVS
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a ne facilities lis Phosphorus((	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 10  	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 5 0.75 250 0.011  0.05 0.11* WS	Zinc eservoir, except for specifi 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS           c listings in Segment           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           5.0              TVS	TVS 1. chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBO03 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chroni Expiration Dat chlorophyll a he facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-1 acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.005 10 10  	MWAT CS-I chronic 6.0 7.0  150* 126 126 0.0 5 0.75 250 0.011  0.05 0.11* WS	Zinc eservoir, except for specifi 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 Molybdenum(T) Nickel Nickel(T) Selenium	TVS c listings in Segment Metals (ug/L) acute ac	TVS 1. chronic  0.02  TVS  TVS TVS 0.01 (1) 150 TVS 1000 TVS 0.01(t) 150 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

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

4a. Mainstem		indutation and wettatids, from the			••••••••••••••••••••••••••••••••••••••	notingo in Goginont i	•
COSPBO04A	Classifications	Physical and	Biological		I	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	TVS	TVS
	of South Boulder Creek, including all	tributaries and wetlands, from the	outlet of Gross Res	servoir to So	Zinc	TVS	TVS
4d.	-			servoir to So	Zinc uth Boulder Road, except f	TVS for specific listings in a	TVS
4d. COSPBO04B	Classifications	tributaries and wetlands, from the Physical and I	Biological		Zinc uth Boulder Road, except f	TVS for specific listings in a Metals (ug/L)	TVS Segments 4c and
4d. COSPBO04B Designation	Classifications	Physical and	Biological DM	MWAT	Zinc uth Boulder Road, except f	TVS for specific listings in Metals (ug/L) acute	TVS Segments 4c and chronic
4d. COSPBO04B	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	Zinc uth Boulder Road, except f	TVS for specific listings in a Metals (ug/L) acute 	TVS Segments 4c and chronic 
4d. COSPBO04B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM CS-II acute	MWAT CS-II chronic	Zinc uth Boulder Road, except f I Aluminum Arsenic	TVS for specific listings in a Metals (ug/L) acute  340	TVS Segments 4c and chronic  
4d. COSPBO04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T)	TVS for specific listings in a Metals (ug/L) acute  340 	TVS Segments 4c and chronic 
4d. COSPBO04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium	TVS for specific listings in a Metals (ug/L) acute  340 	TVS Segments 4c and chronic  0.02 
4d. COSPBO04B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr)	TVS Segments 4c and chronic  0.02  TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I       Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0	TVS Segments 4c and chronic  0.02  TVS 
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS Segments 4c and chronic  0.02  TVS  TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	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) Chromium III Chromium III(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS Segments 4c and chronic  0.02  TVS  TVS 
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0  150* 126	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS for specific listings in 2 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS Segments 4c and Chronic  0.02  TVS  TVS  TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         a	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT CS-II chronic 6.0 7.0 7.0 1.50* 126 chronic	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS  TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-II acute   6.5 - 9.0  c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 126 chronic TVS	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS  TVS WS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) C (mg/L)	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS TVS STVS WS 1000
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) TVS  0.019	MWAT           CS-II           chronic           6.0           7.0           126           chronic           126           Chronic           0.75           250           0.011	Zinc uth Boulder Road, except f 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 for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS  TVS WS 1000 TVS 1000 TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute   6.5 - 9.0   c (mg/L) xVS  TVS  0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           126           126           Chronic           126           0.75           250           0.011	Zinc uth 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	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS S
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) TVS  0.019	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011 	Zinc uth 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	TVS         for specific listings in a         Metals (ug/L)         acute            340            340            50         TVS(tr)         5.0            50         TVS         TVS         50         TVS	TVS Segments 4c and chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute   6.5 - 9.0   c (mg/L) xVS  TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Tinc 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 Molybdenum(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	TVS Segments 4c and chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVSWS 0.01(t) 150
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute   6.5 - 9.0  c (mg/L) c (mg/L) CS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011 	Zinc uth 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	TVS         for specific listings in a         Metals (ug/L)         acute            340            340            50         TVS(tr)         5.0            50         TVS         TVS         50         TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) C	MWAT CS-II chronic 6.0 7.0  150* 126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Tinc 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 Molybdenum(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	TVS Segments 4c and chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVSWS 0.01(t) 150
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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)         Mmmonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) x c (mg/L) 0.019 0.005 10  10  10 	MWAT           CS-II           chronic           6.0           7.0           126           126           chronic           126           0.011              0.05           0.11*	Zinc uth Boulder Road, except f Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS         for specific listings in a         Metals (ug/L)         acute            340            340            50         TVS(tr)         50         TVS            50         TVS         50         TVS         50         TVS            50         TVS         50         TVS            TVS            TVS <tr td=""></tr>	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute    6.5 - 9.0   C (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10     10  	MWAT           CS-II           chronic           6.0           7.0           126           0.01           126           0.01           0.05           0.11*           WS	Zinc uth 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 Molybdenum(T) Nickel Nickel(T)	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS 0.01(t) 150 TVS 100
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(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         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute    6.5 - 9.0   C (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10     10  	MWAT           CS-II           chronic           6.0           7.0           126           0.01           126           0.01           0.05           0.11*           WS	Zinc uth 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 Molybdenum(T) Nickel Nickel(T) Selenium	TVS for specific listings in a Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0 TVS TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS TVS TVS	TVS Segments 4c and chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

	Tor Cowdrey Drainage from the	source below Cowdrey Reservoir #2 to t	he Davidson Ditch.				
COSPBO04C	C Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgan	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	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
4d. Mainstem	n of Cowdrey Drainage from imm	nediately downstream of the Davidson D	itch to the confluen	ce with Sout	h Boulder Creek.		
COSPBO04D							
	D Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation		Physical and	Biological DM	MWAT	N	/letals (ug/L) acute	chronic
	Agriculture Aq Life Warm 2	Physical and Temperature °C	-	MWAT WS-II	Aluminum		chronic
Designation	Agriculture Aq Life Warm 2 Recreation E		DM			acute	
<b>Designation</b> UP	Agriculture Aq Life Warm 2		DM WS-II	WS-II	Aluminum	acute	
Designation	Agriculture Aq Life Warm 2 Recreation E	Temperature °C	DM WS-II acute	WS-II chronic	Aluminum Arsenic	acute  340	
<b>Designation</b> UP	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02-10 <sup>A</sup>
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02-10 <sup>A</sup> 
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0  150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340   TVS	 0.02-10 <sup>A</sup>  TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) 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 Cadmium(T)	acute  340  TVS 5.0	 0.02-10 <sup>A</sup>  TVS 
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0   ic (mg/L)	WS-II chronic 5.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02-10 <sup>A</sup>  TVS  TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	DM WS-II acute  6.5 - 9.0   ic (mg/L) acute	WS-II chronic 5.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02-10 <sup>A</sup>  TVS  TVS 
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	DM WS-II acute  6.5 - 9.0   ic (mg/L) acute TVS	WS-II chronic 5.0  150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute  340  TVS 5.0  50 TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	WS-II chronic 5.0  150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute  340  TVS 5.0  50 TVS TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  	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 5.0  50 TVS TVS TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS TVS TVS WS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02-10 <sup>A</sup>  TVS  TVS  TVS TVS WS 1000
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	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 TVS  TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS TVS VS WS 1000 TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	WS-II         chronic         5.0         150         126         chronic         TVS         0.75         250         0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50	 0.02-10 A  TVS  TVS  TVS  TVS WS 1000 TVS 
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011  0.5	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	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chloride Nitrate Nitrite Phosphorus	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 	WS-II chronic 5.0 126 126 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	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	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-II acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)    0.019 0.005 10  10  	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02-10 <sup>A</sup>  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	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-II acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)    0.019 0.005 10  10  	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute  340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	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-II acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)    0.019 0.005 10  10  	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	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  1000  1000  1000  1000  1000  
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	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-II acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)    0.019 0.005 10  10  	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 <sup>A</sup>  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 1000
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	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-II acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)    0.019 0.005 10  10  	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011  0.5 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS

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

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

s. manotorn (	of South Boulder Cree	ek from South Boulder Road to the	confluence with Boulder Cree				
COSPBO05	Classifications		Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DN	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS	I WS-II	Aluminum		
	Recreation E		acut	e chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pH	6.5 - 9	.0	Beryllium		
Other:		chlorophyll a (m	g/m²)		Cadmium	TVS	TVS
Temporary N	Iodification(s):	E. Coli (per 100	mL)	126	Cadmium(T)	5.0	
Arsenic(chron	nic) = hybrid		Inorganic (mg/L)		Chromium III		TVS
Expiration Da	te of 12/31/2021		acut	e chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	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
6. Mainstem o	of Coal Creek, includi	Ing all tributaries and wetlands, from	the source to Highway 93.		Zinc	TVS	TVS
6. Mainstem of COSPBO06	of Coal Creek, includi	ing all tributaries and wetlands, from	the source to Highway 93. Physical and Biological		Zinc	TVS Metals (ug/L)	TVS
-		ing all tributaries and wetlands, from		MWAT			TVS
COSPBO06	Classifications	ing all tributaries and wetlands, from	Physical and Biological			Metals (ug/L)	
COSPBO06 Designation	Classifications Agriculture Aq Life Cold 2 Recreation E		Physical and Biological DN	I CS-II	Aluminum	Metals (ug/L) acute	chronic 
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2		Physical and Biological DN CS-	I CS-II	Aluminum	Metals (ug/L) acute 	chronic 
COSPBO06 Designation	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C	Physical and Biological DM CS- acut	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute  340	chronic 
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L)	Physical and Biological DM CS- acut	I CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340 	chronic   0.02-10 <sup>A</sup>
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Physical and Biological DM CS- acut  6.5 - 5	I CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic   0.02-10 <sup>A</sup> 
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Physical and Biological DM CS- acut  6.5 - 9 g/m <sup>2</sup> )	CS-II chronic 6.0 7.0 .0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS(tr)	chronic  0.02-10 <sup>A</sup>  TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m	Physical and Biological DM CS- acut  6.5 - 9 g/m <sup>2</sup> )	CS-II chronic 6.0 7.0 .0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340   TVS(tr) 5.0	chronic  0.02-10 <sup>A</sup>  TVS 
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m	Physical and Biological DM CS- acut  6.5 - 9 g/m <sup>2</sup> )	CS-II chronic 6.0 7.0 .0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   T∨S(tr) 5.0 	chronic   0.02-10 A  TVS  TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m	Physical and Biological           DM           CS-           acut              6.5 - S           g/m²)	CS-II chronic 6.0 7.0 .0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340   TVS(tr) 5.0  50	chronic  0.02-10 A  TVS  TVS 
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m	Physical and Biological           DN           CS-           acut              6.5 - 9           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)	CS-II chronic 6.0 7.0 .0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02-10 A  TVS  TVS  TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100	Physical and Biological DM CS- acut (m <sup>2</sup> ) (m <sup>2</sup> ) (norganic (mg/L) acut	CS-II chronic 6.0 7.0 .0 .0 .0 .150 126 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100	Physical and Biological           DM           CS-           acut              6.5 - 9           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)           acut           TVS	I CS-II chronic 6.0 7.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Chopper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS TVS TVS TVS WS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron	Physical and Biological           DN           CS-           acut              6.5 - 5           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)           acut           TVS	I CS-II e chronic 6.0 7.0 .0 150 126 e chronic TVS 0.75	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI Chromium VI Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	chronic   0.02-10 A  TVS  TVS  TVS  TVS VS VS WS 1000
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride	Physical and Biological           DN           CS-           acut              6.5 - 9           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)           TVS	I CS-II e chronic 6.0 7.0 .0 150 126 e chronic TVS 0.75 250	Aluminum Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI Chromium VI Inon Iron(T) Lead	Metals (ug/L) acute acute 340  TVS(tr) 5.0 5.0  50 TVS TVS TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS VS VVS WS 1000 TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine	Physical and Biological           DM           CS-           acut              6.5 - 9           g/m²)           Inorganic (mg/L)           TVS              0.019	CS-II chronic 6.0 7.0 .0 .0 .150 126	Aluminum       Arsenic       Arsenic(T)       Beryllium       Cadmium(T)       Chromium III       Chromium III       Chromium VI       Iron       Iron(T)       Lead(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0 1VS 1VS VS 1VS 1VS 1VS 50 10 10 10 10 10 10 10 10 10 1	chronic  0.02-10 A  TVS  TVS  TVS  TVS S S VS 1000 TVS 
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/L)           Inorganic (mg/L)           acut           0.019           0.005	I CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Copper         Iron         Icon(T)         Lead(T)         Manganese	Metals (ug/L) acute  340  TVS(tr) 5.0 TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	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
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Physical and Biological           DN           CS-           acut              6.5 - 9           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)           acut           0.019           0.005           10	I CS-II CS-II Chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Chromium VI         Inon         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS	Chronic
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Physical and Biological           DN           CS-           acut              6.5 - 9           g/m <sup>2</sup> )           mL)           Inorganic (mg/L)           acut           0.019           0.005           10	I CS-II CS-II Chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11	Aluminum       Arsenic       Arsenic(T)       Beryllium       Cadmium(T)       Cadmium(T)       Chromium III       Chromium VI       Chromium VI       Iron       Iron(T)       Lead       Lead(T)       Manganese       Molybdenum(T)       Nickel	Metals (ug/L) acute acute 340  TVS(tr) 5.0  50  50  50  50  50  50  50  50  50  50 	Chronic
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)           Inorganic (mg/L)           0.005           10	I CS-II e chronic 6.0 7.0 .0 150 126  e chronic TVS 0.75 250 0.011  0.05 0.11 WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Chromium VI         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Nickel         Nickel(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 TVS(tr) 5.0 TVS 50 TVS	Chronic 0.02-10 A TVS TVS TVS TVS TVS TVS TVS TVS TVS/WS 0.01(t) 150 TVS 100
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/L)           Inorganic (mg/L)           acut           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019           0.019	I CS-II CS-II Chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011  0.05 0.11	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Chromium VI         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)         Selenium	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS	Chronic
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)           Inorganic (mg/L)           0.005           10	I CS-II e chronic 6.0 7.0 .0 150 126  e chronic TVS 0.75 250 0.011  0.05 0.11 WS	Aluminum         Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Chromium VI         Chromium VI         Lead         Lead(T)         Manganese         Mercury         Nickel         Nickel(T)         Selenium         Silver	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS	Chronic
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (m E. Coli (per 100 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/L)           Inorganic (mg/L)           0.005           10	I CS-II e chronic 6.0 7.0 .0 150 126  e chronic TVS 0.75 250 0.011  0.05 0.11 WS	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Cadmium(T)         Chromium III         Chromium VI         Chromium VI         Iron         Iron(T)         Lead         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)         Selenium	Metals (ug/L)           acute              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS	Chronic

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

t = total

D.O. = dissolved oxygen DM = daily maximum

7a. Mainstem	of Coal Creek from Highway 9	95 to highway 56 (Boulder Tumpike).					
	Classifications	Physical and I	Biological		N	letals (ug/L)	
	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 <sup>2</sup> )		150	Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2021		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		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
		36 to the confluence with Boulder Creek.					TVS
COSPBO07B	Classifications	36 to the confluence with Boulder Creek. Physical and I				TVS letals (ug/L)	TVS
COSPBO07B Designation	Classifications Agriculture	Physical and I	DM	MWAT	N		TVS
COSPBO07B Designation	Classifications Agriculture Aq Life Warm 2		DM WS-II	WS-II	Aluminum	letals (ug/L) acute 	
COSPBO07B Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C	DM	WS-II chronic	N	letals (ug/L) acute	chronic 
COSPBO07B Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical and I Temperature °C D.O. (mg/L)	DM WS-II	WS-II	Aluminum	letals (ug/L) acute 	chronic 
COSPBO07B Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH	DM WS-II acute	WS-II chronic	Aluminum Arsenic	letals (ug/L) acute  340	chronic 
COSPBO07B Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	DM WS-II acute 	WS-II chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	letals (ug/L) acute  340   TVS	<b>chronic</b>   0.02-10 <sup>A</sup>
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340 	chronic  0.02-10 <sup>A</sup>  TVS 
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	letals (ug/L) acute  340   TVS	chronic   0.02-10 <sup>A</sup> 
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0 	WS-II chronic 5.0  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	letals (ug/L) acute  340   TVS 5.0	chronic  0.02-10 <sup>A</sup>  TVS 
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0   c (mg/L)	WS-II chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	letals (ug/L) acute  340   TVS 5.0 	chronic   0.02-10 <sup>A</sup>  TVS  TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	DM WS-II acute  6.5 - 9.0   c (mg/L) acute	WS-II chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III	letals (ug/L) acute  340   TVS 5.0  50	chronic  0.02-10 A  TVS  TVS 
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS	WS-II chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	Ietals (ug/L)           acute              340              TVS           5.0              50           TVS	chronic  0.02-10 <sup>A</sup>  TVS  TVS  TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron	DM WS-II acute  6.5 - 9.0   c (mg/L) acute TVS 	WS-II         chronic         5.0            126         chronic         TVS         0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	letals (ug/L) acute  340  TVS 5.0  50 TVS TVS	chronic  0.02-10 A  TVS  TVS  TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  	WS-II 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	letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	chronic  0.02-10 A  TVS  TVS  TVS TVS TVS WS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  CVS  0.019	WS-II 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 Iron Iron(T)	acute            340            TVS         5.0            50         TVS         S0         TVS            50         TVS            50         TVS	chronic  0.02-10 A  TVS  TVS  TVS TVS VS WS 1000
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	WS-II         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 Chromium VI Copper Iron Iron(T) Lead	Ietals (ug/L)         acute            340            TVS         5.0            50         TVS         TVS            50         TVS	chronic  0.02-10 A  TVS  TVS  TVS VS VVS WS 1000 TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	WS-II         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 Iron Iron(T) Lead Lead(T) Manganese Mercury	Ietals (ug/L)         acute            340            TVS         5.0            50         TVS         S0	chronic  0.02-10 A  TVS  TVS  TVS S VVS WS 1000 TVS 
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10	WS-II           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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Itetals (ug/L)         acute            340            TVS         5.0            50         TVS         S0         TVS         S0         TVS         50         TVS	Chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 10	WS-II 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Itetals (ug/L)         acute            340            TVS         50         TVS         50         TVS         S0         TVS         50         TVS         50         TVS         50         TVS         S0         TVS         TVS         S0         TVS         S0	Chronic
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10	WS-II           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 III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Ietals (ug/L)         acute            340            TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS            TVS            TVS         50         TVS	Chronic   0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10	WS-II           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 Molybdenum(T) Nickel	Ietals (ug/L)         acute            340            J         TVS         50         TVS         S0	Chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10	WS-II           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 Molybdenum(T) Nickel Nickel(T)	Itetals (ug/L)         acute            340            340            50         TVS	Chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10  10	WS-II           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 Molybdenum(T) Nickel Nickel(T) Selenium	Itetals (ug/L)         acute            340            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               TVS            TVS	Chronic

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

t = total

t = trout

D.O. = dissolved oxygen DM = daily maximum

COSPBO08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pН	6.5 - 9.0		Beryllium		
Cemporary M	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
	onic) = current condition	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
``	te of 12/31/2020	Inorgan	ic (mg/L)		Chromium III(T)		100
chlorophyll a	$(mg/m^2)$ (chronic) = applies only above		acute	chronic	Chromium VI	TVS	TVS
he facilities li	sted at 38.5(4).	Ammonia	TVS	TVS	Copper	TVS	TVS
Phosphorus( acilities listed	chronic) = applies only above the $at 385(4)$	Boron		0.75	Iron		
		Chloride			Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	100		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
9. Mainstem o	f Boulder Creek from a point immediate	ly above the confluence with So	outh Boulder Creek	to the conflu	ence with Coal Creek.		
COSPBO09	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)		
Qualifiers:	Water Supply	D.O. (mg/L) pH	 6.5 - 9.0	5.0			
	Water Supply				Arsenic(T)		0.02
Other:	Water Supply	pH	6.5 - 9.0		Arsenic(T) Beryllium		0.02  TVS
Dther: Femporary M	lodification(s):	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 		Arsenic(T) Beryllium Cadmium	  TVS	0.02  TVS
Other: Temporary M Arsenic(chron	lodification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0  		Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS 5.0	0.02  TVS 
<b>Other:</b> Femporary M Arsenic(chron Expiration Da emperature(E	lodification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0  ic (mg/L)	  126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS 5.0 	0.02  TVS  TVS 
Dther: Femporary M Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0  ic (mg/L) acute	  126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	0.02  TVS  TVS 
Dther: Femporary M Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0  ic (mg/L) TVS	 126 <b>chronic</b> TVS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	0.02  TVS  TVS TVS TVS
Dther: Femporary M Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0  ic (mg/L) acute TVS 	 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 TVS TVS
Other: Temporary M Arsenic(chron Expiration Date emperature(I condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0  ic (mg/L) acute TVS 	 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 TVS US 1000
Other: Temporary M Arsenic(chron Expiration Date emperature(I condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0  ic (mg/L) ic (mg/L) TVS   0.019	 126 <b>chronic</b> TVS 0.75 250 0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS 5.0  50 TVS TVS 	0.02
Other: Temporary M Arsenic(chron Expiration Date emperature(I condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005	 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
Other: Temporary M Arsenic(chron Expiration Date Temperature(I ondition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	 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
Other: Temporary M Arsenic(chron Expiration Date Temperature(I ondition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  ic (mg/L) T√S  0.019 0.005 10	 126 <b>chronic</b> TVS 0.75 250 0.011  0.5	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS	0.02  TVS  TVS
Other: Temporary M Arsenic(chron Expiration Date emperature(I condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  ic (mg/L) ic (mg/L) i	 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	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02
Other: Temporary M Arsenic(chron Expiration Date emperature(I condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	 126 Chronic TVS 0.75 250 0.011  0.5  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 Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02
<b>Other:</b> Femporary M Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 5.0  50 TVS TVS   TVS 50 TVS 50 TVS  TVS	0.02
Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	0.02
<b>Other:</b> Femporary M Arsenic(chron Expiration Da emperature(E condition	lodification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10  10 	 126 Chronic TVS 0.75 250 0.011  0.5  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 Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS   TVS  TVS	0.02

10. Mainstem							
COSPBO10	Classifications	Physical and E	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	Inorganio	c (mg/L)		Chromium III		TVS
Expiration Dat	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Cullico		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Oranium		
					Zinc	TVS	TVS
		uding all wetlands from a point immediately ab	ove the confluence	e with South	Zinc Boulder Creek to the conflu	TVS ence with St. Vrain C	TVS Creek, except for
specific listing	s in Segments 5, 7a and 7	7b.		e with South	Boulder Creek to the conflu	ence with St. Vrain C	
specific listing COSPBO11	s in Segments 5, 7a and 7 Classifications		Biological		Boulder Creek to the conflu	ence with St. Vrain C letals (ug/L)	Creek, except for
specific listing COSPBO11 Designation	s in Segments 5, 7a and 7 Classifications Agriculture	7b. Physical and E	Biological DM	MWAT	Boulder Creek to the conflu	ence with St. Vrain C letals (ug/L) acute	Creek, except for chronic
specific listing COSPBO11	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2	7b.	Biological DM WS-II	MWAT WS-II	Boulder Creek to the conflu	ence with St. Vrain C Ietals (ug/L) acute 	Creek, except for chronic
specific listing COSPBO11 Designation	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E	Biological DM WS-II acute	MWAT WS-II chronic	Boulder Creek to the conflu	ence with St. Vrain C letals (ug/L) acute  340	Creek, except for chronic 
specific listing COSPBO11 Designation UP	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2	7b. Physical and E Temperature °C D.O. (mg/L)	Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T)	ence with St. Vrain C letals (ug/L) acute  340 	chronic  0.02-10 A
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium	ence with St. Vrain C letals (ug/L) acute  340  	Creek, except for chronic  0.02-10 A 
specific listing COSPBO11 Designation UP	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0 	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium	ence with St. Vrain C letals (ug/L) acute  340  TVS	Creek, except for chronic  0.02-10 A  TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0	Creek, except for chronic  0.02-10 A  TVS 
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM WS-II acute  6.5 - 9.0  c (mg/L)	MWAT WS-II chronic 5.0  126	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	ence with St. Vrain ( letals (ug/L) acute  340  TVS 5.0 	Creek, except for chronic  0.02-10 A  TVS  TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  126 chronic	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50	Creek, except for   0.02-10 A  TVS  TVS 
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM WS-II acute  6.5 - 9.0  c (mg/L)	MWAT WS-II chronic 5.0  126	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	ence with St. Vrain ( letals (ug/L) acute  340  TVS 5.0 	Creek, except for   0.02-10 A  TVS  TVS  TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT WS-II chronic 5.0  126 chronic	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS TVS TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT WS-II chronic 5.0  126 chronic TVS	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III(T)	ence with St. Vrain ( letals (ug/L)  340  TVS 5.0  50 TVS	Creek, except for   0.02-10 A  TVS  TVS  TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) TVS 	MWAT           WS-II           chronic           5.0              126           chronic           TVS           0.75	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS TVS TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic 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	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS TVS	Creek, except for chronic   0.02-10 A  TVS  TVS  TVS  TVS  XVS WS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) TVS  TVS  0.019	MWAT WS-II chronic 5.0  126 0 chronic TVS 0.75 250 0.011	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS 	Creek, except for chronic   0.02-10 A  TVS  TVS  TVS  TVS WS 1000
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L)  0.019 0.005	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011 	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	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  50 TVS	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS  TVS WS 1000 TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) x TVS  0.019 0.005 10	MWAT           WS-II           chronic           5.0              126           chronic           TVS           0.75           250           0.011	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50	Creek, except for   0.02-10 A  TVS  TVS  TVS WS 1000 TVS 
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute  6.5 - 9.0  (mg/L) TVS  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  0.5	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	Creek, except for chronic   0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS WS 1000 TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute  6.5 - 9.0  c (mg/L) C (mg/L) 0.019 0.005 10 10 	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  250 0.011  0.5 	Boulder Creek to the conflu 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	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS	Creek, except for chronic   0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10   10  10  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Boulder Creek to the conflu 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)	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10   10  10  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	ence with St. Vrain C letals (ug/L) acute  340  TVS 5.0  50 TVS 50 TVS  TVS 50 TVS	Creek, except for chronic  0.02-10 A  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10   10  10  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	ence with St. Vrain C	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
specific listing COSPBO11 Designation UP Qualifiers:	s in Segments 5, 7a and 7 Classifications Agriculture Aq Life Warm 2 Recreation E	7b. Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute  6.5 - 9.0  (mg/L) C (mg/L) C (mg/L) 0.019 0.005 10 10   10  10  	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Boulder Creek to the conflu Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	ence with St. Vrain C	Creek, except for chronic  0.02-10 A  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

D.O. = dissolved oxygen DM = daily maximum

12. Deleted.							
COSPBO12	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	-		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:					-		
		Inorganic (mg	/L)				
			acute	chronic			
		· · · · ·		and James Pe	eak Wilderness Areas.		
COSPBO13		Physical and Biolog				Metals (ug/L)	
-	- ~	-	DM	MWAT		acute	chronic
OW		Temperature °C	CL	CL	Aluminum		
		5.0 (	acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		0.02
		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
	Agriculture Aq Life Cold 1 Recreation E Water Supply				Chromium III(T)	50	
		Inorganic (mg			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPBO14	Classifications	Physical and	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:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	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 12/31/2021	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
*chlorophvll a	(ug/L)(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
the facilities lis	sted at 38.5(4), applies only to lakes	Ammonia	TVS	TVS	Iron		WS
	arger than 25 acres surface area.	Boron		0.75	Iron(T)		1000
Reservoir only	<i>i</i> . chronic) = applies only above the	Chloride		250	Lead	TVS	TVS
facilities listed	at 38.5(4), applies only to lakes and	Chlorine	0.019	0.011	Lead(T)	50	
reservoirs larg	er than 25 acres surface area.	Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPBO15	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)		0.02-10
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	(	E. Coli (per 100 mL)		126	Chromium III		TVS
	(ug/L)(chronic) = applies only abo sted at 38.5(4), applies only to lak				Chromium III(T)	50	
	larger than 25 acres surface are	Inorda	nic (mg/L)		Chromium VI	TVS	TVS
	: DUWS applies to Kossler Lake chronic) = applies only above the	only.	acute	chronic	Copper	TVS	TVS
acilities listed	at 38.5(4), applies only to lakes a	and Ammonia	TVS	TVS	Iron		WS
eservoirs larg	er than 25 acres surface area.	Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPBO16	Classifications	Physical and	l Biological		N	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)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgai	nic (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	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		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

COSPBO17	Classifications	Physical and	Biological		N	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
	DUWS*	pН	6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
Nater + Fish	Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Other:		Inorgani	ic (mg/L)		Chromium III		TVS
Temporary M	odification(s):		acute	chronic	Chromium III(T)	50	
Arsenic(chron	ic) = hybrid	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021	Boron		0.75	Copper	TVS	TVS
Classification	: DUWS applies to Baseline, Marshall,	Chloride		250	Iron		WS
Thomas and V	Vaneka Reservoirs only.	Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			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

18. Gross Re	servior.							
COSPBO18	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	19.4	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
	, ,,,, ,, ,, ,, ,, ,, ,,	D.O. (spawning)			7.0	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	рН		6.5 - 9.0		Chromium III		TVS
and reservoirs	s larger than 25 acres surface area.	chlorophyll a (ug/L)			8*	Chromium III(T)	50	
facilities listed	at 38.5(4), applies only to lakes and	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
reservoirs larç	osphorus(chronic) = applies only above the lities listed at 38.5(4), applies only to lakes and ervoirs larger than 25 acres surface area.					Copper	TVS	TVS
			norganic (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		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite			0.05	Nickel(T)		100
		Phosphorus			0.025*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
						Zinc	TVS	TVS

	to to bt. Thain brook, including an work	ands, which are within the Indian Pe	eaks Wilderness	Area and Ro	ocky Mountain National Pa	rk.	
COSPSV01	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WO	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorganic (	mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	of St. Vrain Creek, including all tributar oosevelt National Forest.	ies and wetlands, from the bounda	ry of the Indian F	eaks Wilder	mess Area and Rocky Mou	intain National Park to	the eastern
COSPSV02A							
	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture	Physical and Bio	ological DM	MWAT		Metals (ug/L) acute	chronic
		Physical and Bio	-	MWAT CS-I	Aluminum	,	chronic
Designation	Agriculture		DM		Aluminum	acute	
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum Arsenic	acute	
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I	CS-I chronic	Aluminum Arsenic Arsenic(T)	acute  340	
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	 0.02 
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	  0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-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(tr) 5.0	 0.02  TVS 
Designation Reviewable 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	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(tr) 5.0 	 0.02  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0 	CS-I chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-I acute  6.5 - 9.0  mg/L)	CS-I chronic 6.0 7.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic (	DM CS-I acute  6.5 - 9.0   mg/L) acute	CS-I chronic 6.0 7.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Dato *chlorophyll a ( the facilities lis	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia	DM CS-I acute  6.5 - 9.0   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(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron	DM CS-I acute  6.5 - 9.0   mg/L) acute TVS 	CS-I chronic 6.0 7.0  150* 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS TVS WS 1000
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride	DM CS-I acute  6.5 - 9.0   mg/L) acute TVS  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  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  TVS  0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute  6.5 - 9.0   mg/L) acute TVS  UVS  0.019 0.005	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10 	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011  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 Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10	CS-I chronic 6.0 7.0 150* 126 0 chronic TVS 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 Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10 	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic 1VS 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 Molybdenum(T) Nickel Nickel(T)	acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TV	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10	CS-I chronic 6.0 7.0 150* 126 0 chronic TVS 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 1000
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10 	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic 1VS 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS TVS(tr)
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic ( Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  10 	CS-I chronic 6.0 7.0 150* 126 Chronic Chronic 1VS 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 1000

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

D.O. = dissolved oxygen DM = daily maximum

2b. Mainstem	of St. Vrain Creek, including all tributar	ries and wetlands, from the easter	n boundary of Roo	sevelt Natio	onal Forest to Hygiene Ro	ad.	
COSPSV02B	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorganic	(mg/L)		Chromium VI	TVS	TVS
the facilities list	sted at 38.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus( facilities listed	chronic) = applies only above the l at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. Mainstem c	of St. Vrain Creek from Hygiene Road to	o the confluence with the South Pl	atte River.				
COSPSV03	Classifications	Physical and B	iological			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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorganic	(mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

4a. Mainstem Segment 4b.							, o
COSPSV04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Cemporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	-	all tributaries and wetlands, from the source		vith Left Han			
	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	
D	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll o (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Femporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150		0.0	
		E. Coli (per 100 mL)		150 126	Chromium III		TVS
Arsenic(chroni					Chromium III Chromium III(T)		
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)			Chromium III	 50 TVS	 TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)			Chromium III Chromium III(T)	 50	 TVS TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)	 c (mg/L)	126	Chromium III Chromium III(T) Chromium VI	 50 TVS	TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)	 ic (mg/L) acute	126 chronic	Chromium III Chromium III(T) Chromium VI Copper	 50 TVS TVS	 TVS TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia	 ic (mg/L) acute TVS	126 chronic TVS	Chromium III Chromium III(T) Chromium VI Copper Iron	 50 TVS TVS 	TVS TVS WS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron	 ic (mg/L) acute TVS 	126 <b>chronic</b> TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 50 TVS TVS  TVS 50	 TVS TVS WS 1000 TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 ic (mg/L) acute TVS 	126 chronic TVS 0.75 250	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 50 TVS TVS  TVS	 TVS TVS WS 1000 TVS  TVS/WS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 ic (mg/L) acute TVS   0.019	126 <b>chronic</b> TVS 0.75 250 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 50 TVS TVS  TVS 50	 TVS TVS WS 1000 TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	 ic (mg/L) TVS  0.019 0.005	126 <b>chronic</b> TVS 0.75 250 0.011 	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 50 TVS TVS  TVS 50 TVS	 TVS TVS WS 1000 TVS  TVS/WS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	 ic (mg/L) TVS  0.019 0.005 10	126 <b>chronic</b> TVS 0.75 250 0.011  	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 50 TVS TVS  TVS 50 TVS 	 TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrate	 ic (mg/L) TVS  0.019 0.005 10 	126 <b>chronic</b> TVS 0.75 250 0.011  0.05	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 50 TVS TVS  TVS 50 TVS 	 TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 ic (mg/L) acute TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.05 0.11	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 50 TVS TVS  TVS 50 TVS  TVS	 TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Arsenic(chroni	ic) = hybrid	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  10 	126 <b>chronic</b> TVS 0.75 250 0.011  0.05 0.11 WS	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Temporary M Arsenic(chroni Expiration Dat	ic) = hybrid	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  10 	126 <b>chronic</b> TVS 0.75 250 0.011  0.05 0.11 WS	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

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

TO. Mainsteill	of Left Hand Creek, including	g all tributaries and wetlands, from a point i	mmediately below	the confluen	ce with James Creek to Hig	ghway 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(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
•		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Cullus		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
5. Mainstem o	f Left Hand Creek, including	all tributaries and wetlands from Highway	36 to the confluenc	e with St. Vra			
COSPSV05	Classifications	Physical and				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)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:							
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
				150 126			TVS
		E. Coli (per 100 mL)			Cadmium Cadmium(T) Chromium III	TVS	TVS  TVS
					Cadmium(T)	TVS 5.0	
		E. Coli (per 100 mL) Inorgani	 c (mg/L) acute	126 chronic	Cadmium(T) Chromium III	TVS 5.0 	 TVS
		E. Coli (per 100 mL) Inorgani Ammonia	 c (mg/L)	126 chronic TVS	Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0  50	 TVS 
		E. Coli (per 100 mL) Inorgani Ammonia Boron	 c (mg/L) acute TVS 	126 chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0  50 TVS	TVS  TVS TVS
		E. Coli (per 100 mL) Inorgani Ammonia	 c (mg/L) acute TVS 	126 <b>chronic</b> TVS 0.75 250	Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0  50 TVS TVS	 TVS  TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 c (mg/L) acute TVS  0.019	126 chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0  50 TVS TVS 	 TVS  TVS TVS WS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	 c (mg/L) TVS  0.019 0.005	126 chronic TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS 5.0  50 TVS TVS 	 TVS  TVS TVS WS 1000
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	 c (mg/L) acute TVS  0.019	126 <b>chronic</b> TVS 0.75 250 0.011  	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 5.0  50 TVS TVS   TVS	 TVS  TVS TVS WS 1000 TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 c (mg/L) TVS  0.019 0.005 10	126 <b>Chronic</b> TVS 0.75 250 0.011  0.5	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS 5.0  50 TVS TVS  TVS 50	 TVS TVS TVS WS 1000 TVS  TVS/WS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS 5.0  50 TVS TVS  TVS 50 TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS 5.0  50 TVS TVS  TVS 50 TVS  	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS 	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 c (mg/L) TVS  0.019 0.005 10  	126 <b>chronic</b> TVS 0.75 250 0.011  0.5 0.17 WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

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

t = total

t = trout

D.O. = dissolved oxygen DM = daily maximum

COSPSV06	Classifications	Physical and	Biological		N	letals (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		
Temporary M	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
	= current condition	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
, ,	c/ch) = current condition	Inorgan	ic (mg/L)		Chromium III(T)		100
	te of 12/31/2020		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
7. Boulder Re	servoir, Coot Lake, Left Hand Valley Re	eservoir and Spurgeon Reservoi	ir.				
COSPSV07	Classifications	Physical and	Biological		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):	Inorgan	ic (mg/L)		Chromium III		TVS
Arsenic(chron			acute	chronic	Chromium III(T)	50	
Expiration Da	te of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		_		0.75	Copper	TVS	TVS
Iron(chronic) :	= current condition*	Boron		0.75			WS
	= current condition* c/ch) = current condition	Boron Chloride		250	Iron		
Manganese(a					Iron Iron(T)		1000
Manganese(a Expiration Da	c/ch) = current condition	Chloride		250			1000 TVS
Manganese(a Expiration Da *Classificatior and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine	 0.019	250 0.011	lron(T)		
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon	Chloride Chlorine Cyanide Nitrate	 0.019 0.005	250 0.011 	Iron(T) Lead	 TVS	TVS
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide	 0.019 0.005 10	250 0.011 	Iron(T) Lead Lead(T)	 TVS 50	TVS 
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 0.019 0.005 10 	250 0.011  0.5	Iron(T) Lead Lead(T) Manganese	 TVS 50 TVS	TVS  TVS/WS
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 	250 0.011  0.5  WS	Iron(T) Lead Lead(T) Manganese Mercury	 TVS 50 TVS 	TVS  TVS/WS 0.01(t)
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 0.019 0.005 10  	250 0.011  0.5 	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 50 TVS 	TVS  TVS/WS 0.01(t) 150 TVS
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10  	250 0.011  0.5  WS	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	TVS  TVS/WS 0.01(t) 150 TVS 100
Manganese(a Expiration Da Classification and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10  	250 0.011  0.5  WS	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 50 TVS  TVS  TVS	TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
Manganese(a Expiration Da *Classificatior and Left Hand	c/ch) = current condition te of 12/31/2020 n: DUWS applies to Boulder, Spurgeon d Valley Reservoirs only.	Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10  	250 0.011  0.5  WS	Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	 TVS 50 TVS  TVS 	TVS  TVS/WS 0.01(t) 150 TVS

	nd reservoirs tributary to St.	Vrain Creek that are within the boundary of	the Indian Peaks V	Vilderness Ar	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(tr)	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
9. All lakes ar	nd reservoirs tributary to St.	Vrain Creek from sources to Hygiene Road,	, including Button F	Rock Reservo	ir, except as specified in	Segment 8.	
COSPSV09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable							Chilonic
	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E	Temperature °C	CL,CLL acute	CL,CLL chronic	Aluminum Arsenic		
	-	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 Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium	 340 	  0.02 
Qualifiers: Other:	Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH	acute  6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	 340  TVS(tr)	  0.02 
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340  TVS(tr) 5.0	 0.02  TVS 
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340  TVS(tr) 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0  	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0  	chronic           6.0           7.0              126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	acute  6.5 - 9.0   ic (mg/L) acute	chronic           6.0           7.0              126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	acute  6.5 - 9.0  ic (mg/L) acute TVS	chronic           6.0           7.0              126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute  6.5 - 9.0  ic (mg/L) acute TVS	Chronic           6.0           7.0              126           Chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) ic (mg/L) TVS  C.019	chronic           6.0           7.0              126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS  TVS TVS WS 1000
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0   ic (mg/L) acute T\\S  0.019 0.005	Chronic           6.0           7.0              126           Chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50	 0.02  TVS  TVS  TVS WS 1000 TVS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	Chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   ic (mg/L) acute T\\S  0.019 0.005	chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute T√S  0.019 0.005 10 10	Chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  (mg/L) acute T\\S  0.019 0.005 10 10  10	Chronic 6.0 7.0  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 Molybdenum(T) Nickel Nickel(T)	 340  TVS(tr) 5.0  50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0   ic (mg/L) acute T√S  0.019 0.005 10 10	Chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(r) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute T\\S  0.019 0.005 10 10  10	Chronic 6.0 7.0  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 Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100
Qualifiers: Other: Temporary M Arsenic(chron	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute T\\S  0.019 0.005 10 10  10	Chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05  WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 340  TVS(r) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS 

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

t = total

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

		eek from sources to Highway 36.					
COSPSV10	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
*ablarashull a		E. Coli (per 100 mL)		126	Chromium III		TVS
the facilities lis	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes				Chromium III(T)	50	
	arger than 25 acres surface area.	Inorganic (I	mg/L)		Chromium VI	TVS	TVS
only.			acute	chronic	Copper	TVS	TVS
	chronic) = applies only above the at $38.5(4)$ , applies only to lakes and	Ammonia	TVS	TVS	Iron		WS
	ger than 25 acres surface area.	Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
11. Barbour P	onds.						
COSPSV11	Classifications	Physical and Bio	logical			Metals (ug/L)	
COSPSV11 Designation	Classifications Agriculture	Physical and Bio	logical DM	MWAT		Metals (ug/L) acute	chronic
		Physical and Bio	-	MWAT WL	Aluminum		chronic 
Designation	Agriculture		DM			acute	
Designation	Agriculture Aq Life Warm 1		DM WL	WL	Aluminum	acute	
Designation	Agriculture Aq Life Warm 1 Recreation E	Temperature °C	DM WL acute	WL chronic	Aluminum Arsenic	acute  340	
<b>Designation</b> Reviewable	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L)	DM WL acute 	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	DM WL acute 	WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	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  340  TVS	  0.02  TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 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  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0	 0.02  TVS 
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 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   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
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n	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)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia	DM WL acute  6.5 - 9.0  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  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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	acute  340  TVS 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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(T) Chromium VI Copper Iron	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS WS 1000
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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	acute  340  TVS 5.0  50 TVS TVS TVS  TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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 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
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 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 Mercury	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
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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  10	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	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute  6.5 - 9.0  mg/L) acute TVS  0.019 0.005 10  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 Mercury Molybdenum(T) Nickel	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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  10 	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 Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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  10 	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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS.WS TVS/WS TVS/WS TVS/WS TVS/WS TVS/WS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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  10 	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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	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(t) 150 TVS 1000 TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (n 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  10 	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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS.WS TVS/WS TVS/WS TVS/WS TVS/WS TVS/WS

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

t = total

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

12. All lakes a	nd reservoirs tributary to Left Hand C	eek from Highway 36 to the conf	luence with St. Vrail	n Creek, exc	ept as specified in Segmen	it 7.	
COSPSV12	Classifications	Physical and	Biological		N	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	Standards	chlorophyll a (ug/L)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M	odification(s):	Inorgan	ic (mg/L)		Chromium III		TVS
Arsenic(chroni	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2021	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		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
13. All lakes a	nd reservoirs tributary to St. Vrain Cre	ek from Hygiene Road to the cor	nfluence with the So	uth Platte Ri	iver, except as specified in	Segments 7, 10, 11 a	and 12.
COSPSV13	Classifications	Physical and	Biological		Γ	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 <sup>A</sup>
	DUWS*	pH	05 00				0.02 10
Qualifiers:			6.5 - 9.0		Beryllium		
	1	chlorophyll a (ug/L)	6.5 - 9.0		Beryllium Cadmium		
Other:							
	-	chlorophyll a (ug/L) E. Coli (per 100 mL)			Cadmium	 TVS	
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL)			Cadmium Cadmium(T)	 TVS 5.0	 TVS 
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL)	  ic (mg/L)	 126	Cadmium Cadmium(T) Chromium III	 TVS 5.0 	 TVS  TVS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	  ic (mg/L) acute	 126 chronic	Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS 5.0  50	 TVS  TVS 
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	  ic (mg/L) acute TVS	 126 <b>chronic</b> TVS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS 5.0  50 TVS	TVS  TVS  TVS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	  ic (mg/L) acute TVS 	 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
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	  ic (mg/L) acute TVS 	 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 WS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	  ic (mg/L) acute TVS  0.019	 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
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	  ic (mg/L) acute TVS  0.019 0.005	 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 TVS WS 1000 TVS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	 ic (mg/L) acute TVS  0.019 0.005 10	 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 TVS WS 1000 TVS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Cyanide Nitrate Nitrite	  ic (mg/L) acute TVS  0.019 0.005 10 	 126 Chronic 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) Manganese	 TVS 5.0  50 TVS TVS  TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	  ic (mg/L) acute TVS  0.019 0.005 10    	 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) Manganese Mercury	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10   	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 	TVS TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10   	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10   	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 100
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10   	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS  TVS  TVS	TVS
	: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 ic (mg/L) acute TVS  0.019 0.005 10   	 126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	 TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS  TVS	TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 100

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

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

	nt immediately below the confluer	nce with Big Dry Cree	ek to the conf	fluence with St. Vrain Creek		
COSPMS01A Classifications	Physical an	d Biological		N	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)	varies*	varies*	Arsenic(T)		0.02 <sup>A</sup>
Qualifiers:	pН	6.5 - 9.0		Beryllium		
Water + Fish Standards	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
Other:	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary Modification(s):	Inorga	inic (mg/L)		Chromium III		TVS
Arsenic(chronic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Date of 12/31/2021	Ammonia	TVS*	TVS*	Chromium VI	TVS	TVS
*Ammonia(acute) = See attached table for site-	Boron		0.75	Copper		23.5*
specific standards.	Chloride		250	Copper	35.1*	
*Ammonia(chronic) = See attached table for site- specific standards.	Chlorine	0.019	0.011	Iron		WS
*Copper(acute) = Copper BLM-based FMB	Cyanide	0.005		Iron(T)		1000
Cu FMB(ac)=35.1 ug/l *Copper(chronic) = Copper BLM-based FMB	Nitrate	10		Lead	TVS	TVS
Cu FMB(ch)= 23.5 ug/l *D.O. (mg/L)(acute) = See attached table for site-	Nitrite		0.5	Lead(T)	50	
specific standards.	Phosphorus			Manganese	TVS	TVS/WS
*D.O. (mg/L)(chronic) = See attached table for site specific standards.	Sulfate		WS	Mercury		0.01(t)
	Sulfide		0.002	Molybdenum(T)		150
				Nickel	TVS	TVS
				Nickel(T)		100
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium		
				ordinam		
				Zinc	TVS	IVS
1b. Mainstem of the South Platte River from a poi	nt immediately below the confluer	nce with St. Vrain Cre	eek to the We	Zinc eld/Morgan County Line.	TVS	TVS
1b. Mainstem of the South Platte River from a poi	nt immediately below the confluer Physical an		eek to the We	eld/Morgan County Line.	TVS letals (ug/L)	178
			eek to the We	eld/Morgan County Line.		chronic
COSPMS01B Classifications		d Biological		eld/Morgan County Line.	letals (ug/L)	
COSPMS01B Classifications Designation Agriculture	Physical an	d Biological DM	MWAT	eld/Morgan County Line.	letals (ug/L) acute	chronic
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2	Physical an	d Biological DM WS-II	MWAT WS-II	eld/Morgan County Line. N Aluminum	letals (ug/L) acute 	chronic 
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Agriculture	Physical an Temperature °C	d Biological DM WS-II acute	MWAT WS-II chronic	eld/Morgan County Line. N Aluminum Arsenic	letals (ug/L) acute  340	chronic 
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply	Physical and Temperature °C D.O. (mg/L) pH	d Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	letals (ug/L) acute  340 	chronic   0.02
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Value Supply	Physical and Temperature °C D.O. (mg/L)	d Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340 	chronic   0.02 
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water + Fish Standards	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	d Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	letals (ug/L) acute  340   TVS	chronic  0.02  TVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	d Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	letals (ug/L) acute  340   TVS 5.0	chronic   0.02  TVS 
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:         Temporary       Modification(s):	Physical and       Temperature °C       D.O. (mg/L)       pH       chlorophyll a (mg/m²)       E. Coli (per 100 mL)	d Biological DM WS-II acute  6.5 - 9.0   unic (mg/L)	MWAT WS-II chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	letals (ug/L) acute  340   TVS 5.0 	chronic  0.02  TVS  TVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical an Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorga	d Biological DM WS-II acute  6.5 - 9.0   unic (mg/L) acute	MWAT WS-II chronic 5.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	letals (ug/L) acute  340   T√S 5.0  50	chronic  0.02  TVS  TVS 
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical an         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia	d Biological DM WS-II acute  6.5 - 9.0  mic (mg/L) acute TVS	MWAT WS-II chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	letals (ug/L) acute  340  TVS 5.0  50 TVS	chronic              0.02              TVS              TVS              TVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron	d Biological DM WS-II acute  6.5 - 9.0  control (mg/L) acute TVS 	MWAT WS-II chronic 5.0  126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	letals (ug/L) acute  340  TVS 5.0  50 TVS TVS	Chronic  0.02  TVS  TVS  TVS TVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride	d Biological DM WS-II acute  6.5 - 9.0  c unic (mg/L) acute TVS  	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	letals (ug/L) acute  340  TVS 5.0  50 TVS TVS TVS	Chronic  0.02  TVS  TVS  TVS TVS TVS XVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine	d Biological DM WS-II acute  6.5 - 9.0  mic (mg/L) acute TVS   0.019	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	acute            340            TVS         5.0            50         TVS         S0         TVS            50         TVS            50         TVS	Chronic   0.02  TVS  TVS  TVS TVS TVS WS 1000
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide	d Biological DM WS-II acute  6.5 - 9.0  mic (mg/L) acute TVS  0.019 0.005	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	acute            340            TVS         5.0            50         TVS	Chronic   0.02  TVS  TVS  TVS TVS TVS WS 1000
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	d Biological DM WS-II acute  6.5 - 9.0  () with the second sec	MWAT WS-II chronic 5.0  126 chronic TVS 0.75 250 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Ietals (ug/L)         acute            340            TVS         5.0            50         TVS         S0	chronic  0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite	d Biological DM WS-II acute  6.5 - 9.0  mic (mg/L) acute TVS  0.019 0.005 10	MWAT WS-II 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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Ietals (ug/L)         acute            340            TVS         5.0            50         TVS         S0         TVS         50         TVS	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:         Temporary Modification(s):       Arsenic(chronic) = hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	d Biological DM WS-II acute  6.5 - 9.0  mic (mg/L) acute TVS  0.019 0.005 10  10	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Ietals (ug/L)         acute            340            TVS         50         TVS         50         TVS         S0         TVS         50         TVS         50         TVS         50         TVS         S0         TVS         TVS         S0	Chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:         Temporary Modification(s):       Arsenic(chronic) = hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	d Biological DM WS-II acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10  10      0.019 0.005 10   	MWAT         WS-II         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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Ietals (ug/L)         acute            340            TVS         50         TVS               TVS	Chronic
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:         Temporary Modification(s):       Arsenic(chronic) = hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	d Biological DM WS-II acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10  10      0.019 0.005 10   	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Ietals (ug/L)         acute            340            340            50         TVS	Chronic
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Supply         Water + Fish Standards       Other:         Temporary Modification(s):       Arsenic(chronic) = hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	d Biological DM WS-II acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10  10      0.019 0.005 10   	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Ietals (ug/L)         acute            340            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               TVS            TVS            TVS            TVS	Chronic
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	d Biological DM WS-II acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10  10      0.019 0.005 10   	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Itetals (ug/L)         acute            340            TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         50         TVS         TVS <tr tr=""></tr>	chronic               0.02            TVS            TVS            TVS            TVS         TVS         0.01(t)         150         TVS         1000         TVS            TVS/WS         0.01(t)         150         TVS         100         TVS         TVS </td
COSPMS01B       Classifications         Designation       Agriculture         Reviewable       Aq Life Warm 2         Recreation E       Water Supply         Qualifiers:       Water Standards         Other:       Temporary Modification(s):         Arsenic(chronic) = hybrid       Hybrid	Physical and         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorga         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	d Biological DM WS-II acute  6.5 - 9.0   mic (mg/L) acute TVS  0.019 0.005 10  10      0.019 0.005 10   	MWAT WS-II chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  WS	Aluminum Arsenic Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Ietals (ug/L)         acute            340            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               TVS            TVS            TVS            TVS	Chronic

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

tr = trout

D.O. = dissolved oxygen

DM = daily maximum

2. Deleted.							
COSPMS02	Classifications	Physical and Biolog	jical		Meta	als (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorganic (mg	/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 immediately liver, and in Segments 3b, 5a, 5b, 5c, a	below the cor and 6.	nfluence with	Big Dry Creek to the Weld/Mo	organ County line	except for
COSPMS03A	Classifications	Physical and Biolog	jical		Meta	als (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/m <sup>2</sup> )		150*	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 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*chlorophyll a (	mg/m <sup>2</sup> )(chronic) = applies only above	Boron		0.75	Copper	TVS	TVS
the facilities list	ted at $38.5(4)$ . hronic) = applies only above the	Chloride		250	Iron		WS
facilities listed a		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

COSPMS03B	Classifications	Physical and	l Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		narrative*	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium	TVS	TVS
	chronic) = When water is present, D.O. s shall be maintained at levels that	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
protect classif	ied uses.	Inorgai	nic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
1. Barr Lake a	nd Milton Reservoir.	-			-		
COSPMS04	Classifications	Physical and	l Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP							
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
JP	Recreation E	Temperature °C	WL	chronic	Aluminum Arsenic	 340	
		D.O. (mg/L)			_		
Qualifiers:	Recreation E Water Supply	D.O. (mg/L) pH	acute	chronic 5.0	Arsenic	340	
Qualifiers:	Recreation E Water Supply	D.O. (mg/L)	acute 	chronic 5.0	Arsenic Arsenic(T)	340	0.02
Qualifiers: Water + Fish	Recreation E Water Supply	D.O. (mg/L) pH	acute  6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium	340  	 0.02 
Qualifiers: Water + Fish Other:	Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS	 0.02  TVS
Qualifiers: Water + Fish Other: Femporary M	Recreation E Water Supply Standards odification(s):	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340   TVS 5.0	 0.02  TVS 
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply Standards odification(s):	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0  nic (mg/L)	chronic 5.0   126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS 5.0 	 0.02  TVS  TVS
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  nic (mg/L) acute	chronic 5.0  126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III	340  TVS 5.0  50	 0.02  TVS  TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  nic (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
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0  nic (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 WS
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0  nic (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 WS 1000
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  nic (mg/L) acute TVS  0.019	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 	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  hic (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	 0.02  TVS  TVS TVS WS 1000 TVS 
Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0   nic (mg/L) acute TVS  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 Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS 5.0  50 TVS TVS  TVS 50	 0.02  TVS  TVS TVS 1000 TVS  TVS/WS
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10	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	340  TVS 5.0  50 TVS TVS   TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute  6.5 - 9.0  inic (mg/L) acute TVS  0.019 0.005 10 	chronic         5.0            126         chronic         TVS         0.75         250         0.011            0.5            0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  nic (mg/L) acute T\/S  0.019 0.005 10 10 	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 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 WS 0.01(t) 150 TVS
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  nic (mg/L) acute T\/S  0.019 0.005 10 10 	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 Molybdenum(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  nic (mg/L) acute T\/S  0.019 0.005 10 10 	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 Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron	Recreation E Water Supply Standards odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  nic (mg/L) acute T\/S  0.019 0.005 10 10 	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 Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

5a. Mainstem	of Lone Tree Creek from the source to	o the confluence with the South P	Platte River.				
COSPMS05A	Classifications	Physical and	Biological			Vetals (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 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
*Dhoonhorug(/	abrania) applies only above the	E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
facilities listed	chronic) = applies only above the at 38.5(4).	Inorgan	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
5b. Mainstem	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)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		4.7*	Arsenic(T)		100
Other:		pН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
*D.O. (mg/L)(c measurements	chronic) = 15th percentile of D.O. s collected between 6:30 a.m. and	E. Coli (per 100 mL)		630	Chromium III	TVS	TVS
6:30 p.m.		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		10	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		00.1100		0.002	Zinc	TVS	TVS
						1.00	1.00

		from their sources to their conflue	ences with the South	1 Platte Rive			
COSPMS05C	Classifications	Physical and	Biological		Ν	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		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 <sup>2</sup> )			Cadmium	TVS	TVS
Phosphorus(	chronic) = applies only above the at 38.5(4).	E. Coli (per 100 mL)		630	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		Sunde		0.002	Zinc	TVS	TVS
6 Lost Creek	from the source to Interstate 76, inclu	Iding all its tributaries stock ponds	s and wetlands			105	100
COSPMS06	Classifications	Physical and			Ν	letals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
-	Aq Life Warm 2	<b>T</b> 1 20					
JP	Ay Life Wallin Z	Temperature °C	WS-III	WS-III	Aluminum		
JP	Recreation N	Temperature °C	WS-III acute	WS-III chronic	Aluminum Arsenic		
		_	acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)	acute 		Arsenic Arsenic(T)	340 	 100
UP Qualifiers: Other:		D.O. (mg/L)	<b>acute</b>  6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium	340  	 100 
Qualifiers: Other: *Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²)	acute  6.5 - 9.0 	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium Beryllium(T)	340  	 100  100
Qualifiers: Other: *Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 5.0 	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium	340   	 100  100 
Qualifiers: Other: *Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	acute  6.5 - 9.0   ic (mg/L)	<b>chronic</b> 5.0  630	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T)	340    	 100  100  10
Qualifiers: Other: *Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  ic (mg/L) acute	chronic           5.0              630           chronic	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T) Chromium III	340     	 100  100  10
Qualifiers: Other:	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0   ic (mg/L)	chronic 5.0  630 chronic	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	340    	 100  100  10
Qualifiers: Other: *Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0  ic (mg/L) acute 	chronic           5.0              630              630              0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI	340      	 100  100  100  100
Qualifiers: Other: 'Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0  ic (mg/L) acute  	chronic 5.0  630 chronic  0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI	340       	 100  100  100  100
Qualifiers: Other: Phosphorus(	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  ic (mg/L) acute  	chronic 5.0  630 chronic  0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI Chromium VI(T) Copper	340         	 100  100  100  100 
Qualifiers: Other: Phosphorus(	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute  6.5 - 9.0  ic (mg/L) acute   0.2	chronic 5.0 630 chronic 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T)	340         	 100  100  100  100  200
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0  ic (mg/L) acute  	chronic           5.0              630           chronic           0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI Chromium VI(T) Copper Copper(T) Iron	340          -	 100  100  100  100  200 
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute  6.5 - 9.0   ic (mg/L) acute   0.2 100	chronic          5.0            630         chronic         0.75            0.75            10	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead	340          -	 100  100  100  100  200 
Qualifiers: Other: Phosphorus(	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	acute  6.5 - 9.0  ic (mg/L) acute   0.2 100	chronic           5.0              630           chronic           0.75              0.75              10           0.17*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T)	340          -	 100  100  100  200  200  100
Qualifiers: Other: Phosphorus(	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0   ic (mg/L) acute   0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese	340          -	 100  100  100  200  200  100  100
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	acute  6.5 - 9.0  ic (mg/L) acute   0.2 100  0.2	chronic           5.0              630           chronic           0.75              0.75              10           0.17*	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T)	340          -	 100  100  100  100  200  100  200
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury	340          -	 100  100  100  100  200  100  200
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T)	340          -	 100  100  100  100  200  100  200
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel	340          -	 100  100  100  200  200  200  100  100  150
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel Nickel(T)	340          -	 100  100  100  200  100  200  200  150
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel	340          -	 100  100  100  200  100  200  100  150
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel Nickel(T)	340          -	 100  100  100  100  200  200  200  150  200
Qualifiers: Other: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340          -	 100  100  100  100  200  100  100  100  150  200  200
Qualifiers: Dther: Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Cadmium(T) Cadmium(T) Chromium III Chromium III Chromium VI Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T)	340          -	 100  100  100  200  100  100  200  150  200
Qualifiers: Other: 'Phosphorus((	Recreation N chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute  6.5 - 9.0  ic (mg/L) acute  0.2 100 0.2 100	chronic 5.0 630 630 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Cadmium(T) Chromium III Chromium VI Chromium VI(T) Copper Copper(T) Iron Lead Lead(T) Manganese Manganese(T) Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T) Silver	340          -	 100  100  100  100  200  100  100  100  100  200 

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

tr = trout

D.O. = dissolved oxygen

DM = daily maximum

COSPMS07	Classifications	Physical and	Biological		N	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		
Vater + Fish	Standards	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Femporary M	odification(s):	Inorgan	ic (mg/L)		Chromium III		TVS
Arsenic(chron	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			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

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 <sup>1.4,5</sup> 3.0 mg/L (acute) 7-Day Average <sup>5.0</sup> mg/L Older Life Stage Protection Period (August 1 through March 31) 1-Day <sup>1.4</sup> 2.0 mg/L (acute) 7-Day Mean of Minimums <sup>1.3.</sup> 2.5 mg/L 30-Day Average <sup>1.2.</sup> 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 an exceedance 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  

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

$$chronic (Apr1 - July 31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(2.85, 1.45 * 10^{0.028(25-T)}\right)$$

$$chronic(Aug1 - Mar31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * 1.45 * 10^{0.028*(25-MAX(T, 7))}$$

 $NH_3 = old TVS$ 

Warm Water Acute =  $0.62/FT/FPH/2^{(4 \text{ old})}$  in mg/ (N)

COSPBT01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WO	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

	f the Big Thompson River, including all in Segment 7; mainstem of Black Can					e Supply Canal diversi	on, except for the
COSPBT02	Classifications	Physical and Biolog	lical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Inorganic (mg/	/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).		acute	chronic	Copper		7.5*
*Phosphorus( facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Copper	11*	TVS
*Copper(acute	e) = 11 ug/L from immediately above	Boron		0.75	Copper	TVS	
wastewater tre	mpson Sanitation District's eatment plant outfall to the Home	Chloride		250	Iron		WS
Supply Canal	Diversion. hic) = 7.5 ug/L from immediately above	Chlorine	0.019	0.011	Iron(T)		1000
the Upper Tho	mpson Sanitation District's	Cyanide	0.005		Lead	TVS	TVS
wastewater tre Supply Canal	eatment plant outfall to the Home Diversion.	Nitrate	10		Lead(T)	50	
		Nitrite		0.05	Manganese	TVS	TVS/WS
		Phosphorus		0.11*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

	i the Big Thempeen		me Supply Canal diversion	оп ю ше віў ва	ames Ditch o	diversion.			
COSPBT03	Classifications		Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)			6.0	Arsenic(T)		0.02
Qualifiers:			D.O. (spawning)			7.0	Beryllium		
Water + Fish	Standards		pН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m <sup>2</sup> )				Cadmium(T)	5.0	
Temporary M	lodification(s):		E. Coli (per 100 mL)			126	Chromium III		TVS
Arsenic(chroni	ic) = hybrid						Chromium III(T)	50	
Expiration Dat	te of 12/31/2021		I	norganic (mg/l	L)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	Iron(T)		1000
			Chloride			250	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead(T)	50	
			Cyanide		0.005		Manganese	TVS	TVS/WS
			Nitrate		10		Mercury		0.01(t)
			Nitrite			0.05	Molybdenum(T)		150
			Phosphorus				Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
							Silver	TVS	TVS(tr)
							Uranium		
							Zinc	TVS	TVS
	of the Big Thompso	on from the Big Bar	nes Ditch diversion to the	Gradov Loval	and Canal c				
COSPBT04A		5		-		liversion.	1		
	Classifications			cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			-	ical DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 1			-	cal		Aluminum		chronic 
Designation	Agriculture Aq Life Cold 1 Recreation E	5/1 - 10/15	Physic Temperature °C	-	ical DM	MWAT	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1 Recreation E Recreation N		Physic Temperature °C D.O. (mg/L)	-	ical DM CS-II	MWAT CS-II	_	acute	
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	5/1 - 10/15	Physic Temperature °C	-	CS-II acute	MWAT CS-II chronic	Arsenic	acute  340	
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH	-	CS-II acute	MWAT CS-II chronic 6.0	Arsenic Arsenic(T)	acute  340 	
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E Recreation N	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	cal and Biologi	CS-II acute 	MWAT CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340 	 0.02  TVS 
Designation Reviewable Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	cal and Biologi 5/1 - 10/15	ical DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0   126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr)	  0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	cal and Biologi	CS-II CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	cal and Biologi 5/1 - 10/15	ccal DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0   126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0 	 0.02  TVS 
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	ccal DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0   126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	ccal DM CS-II acute  6.5 - 9.0    L)	MWAT CS-II chronic 6.0 7.0  126 630	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute	MWAT CS-II chronic 6.0 7.0  126 630 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0   L) acute TVS	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	5/1 - 10/15 10/16 - 4/30	CS-II CS-II acute  6.5 - 9.0   L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS WS 1000
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride	5/1 - 10/15 10/16 - 4/30	ccal DM CS-II acute  6.5 - 9.0   L) acute TVS  TVS 	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS  TVS S VS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  CV CV CV CV CV CV CV CV CV CV CV CV CV	MWAT CS-II chronic 6.0 7.0  126 630 (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)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  CV CV CV CV CV CV CV CV CV CV CV CV CV	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0   0.5  0.01 0.005 10	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TV	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0    CO CO CO CO CO CO CO CO CO CO	MWAT CS-II chronic 6.0 7.0  126 630 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 Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TV	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  C. 0.01 0.005 10  10 	MWAT CS-II chronic 6.0 7.0  126 630 chronic TVS 0.75 250 0.011  0.5  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 Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  CV CV CV CV CV CV CV CV CV CV CV CV CV	MWAT           CS-II           chronic           6.0           7.0              126           630           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 Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Recreation N Water Supply	5/1 - 10/15	Physic         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         E. Coli (per 100 mL)         Mammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	5/1 - 10/15 10/16 - 4/30	ical DM CS-II acute  6.5 - 9.0  6.5 - 9.0  CV CV CV CV CV CV CV CV CV CV CV CV CV	MWAT           CS-II           chronic           6.0           7.0              126           630           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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50	 0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

DM = daily maximum MWAT = maximum weekly average temperature

D.O. = dissolved oxygen

.o. mainotoffi	of the Big Thompson		y-Loveland Canal diversion		au III.				
COSPBT04B	Classifications		Physic	al and Biologi	cal		M	etals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E	5/1 - 10/15			acute	chronic	Arsenic	340	
	Recreation N	10/16 - 4/30	D.O. (mg/L)			5.0	Arsenic(T)		0.02
	Water Supply		рН		6.5 - 9.0		Beryllium		
Qualifiers:			chlorophyll a (mg/m <sup>2</sup> )				Cadmium	TVS	TVS
Other:			E. Coli (per 100 mL)	10/16 - 4/30		630	Cadmium(T)	5.0	
Temporary M	odification(s):		E. Coli (per 100 mL)	5/1 - 10/15		126	Chromium III		TVS
Arsenic(chroni	ic) = hybrid						Chromium III(T)	50	
Expiration Dat	e of 12/31/2021		1	norganic (mg/l	L)		Chromium VI	TVS	TVS
Selenium(chro	onic) = current condit	lion			acute	chronic	Copper	TVS	TVS
Expiration Dat	e of 12/31/2020		Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	lron(T)		1000
			Chloride			250	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead(T)	50	
			Cyanide		0.005		Manganese	TVS	TVS/WS
			Nitrate		10		Mercury		0.01(t)
			Nitrite			0.5	Molybdenum(T)		150
			Phosphorus				Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
							Silver	TVS	TVS
							Uranium		
							Zinc	TVS	TVS
4c. Mainstem	of the Big Thompsor	n from County Roa	ad 11H to I-25.						
COSPBT04C	Classifications		Physic	al and Biologi	cal		M	etals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E	5/1 - 10/15							
					acute	chronic	Arsenic	340	
Qualifiers:	Recreation N	10/16 - 4/30	D.O. (mg/L)		acute	chronic 5.0	Arsenic Arsenic(T)	340	
	I		D.O. (mg/L) pH						
Fish Ingestion	I					5.0	Arsenic(T)		
	I		рН	5/1 - 10/15	 6.5 - 9.0	5.0 	Arsenic(T) Beryllium		 7.6 
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> )	5/1 - 10/15 10/16 - 4/30	 6.5 - 9.0 	5.0 	Arsenic(T) Beryllium Cadmium	  TVS	 7.6  TVS
Fish Ingestion	I		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		 6.5 - 9.0 	5.0   126	Arsenic(T) Beryllium Cadmium Chromium III	 TVS TVS	 7.6  TVS TVS
Fish Ingestion	I		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)		 6.5 - 9.0  	5.0   126	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	 TVS TVS 	 7.6  TVS TVS 100
Fish Ingestion	I		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	10/16 - 4/30	 6.5 - 9.0  	5.0   126	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	 TVS TVS  TVS	 7.6  TVS TVS 100 TVS
Fish Ingestion	I		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	10/16 - 4/30	 6.5 - 9.0   L)	5.0  126 630	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	 TVS TVS  TVS TVS	 7.6  TVS TVS 100 TVS TVS
Fish Ingestion	I		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	10/16 - 4/30	 6.5 - 9.0    L) acute	5.0  126 630 chronic	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	 TVS TVS  TVS TVS 	 7.6  TVS TVS 100 TVS TVS 1000
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL)	10/16 - 4/30	 6.5 - 9.0    L) acute TVS	5.0  126 630  Chronic TVS	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	 TVS TVS  TVS TVS  TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	10/16 - 4/30	 6.5 - 9.0   L) acute TVS 	5.0  126 630 chronic TVS 0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	 TVS TVS  TVS TVS  TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride	10/16 - 4/30	 6.5 - 9.0    L) acute TVS 	5.0  126 630 <b>chronic</b> TVS 0.75 	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	 TVS TVS  TVS TVS  TVS TVS 	 7.6  TVS TVS 100 TVS 1000 TVS TVS TVS 0.01(t)
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mammonia Boron Chloride Chlorine	10/16 - 4/30	 6.5 - 9.0    L) acute TVS  U.019	5.0  126 630 <b>chronic</b> TVS 0.75  0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	 TVS TVS  TVS TVS  TVS TVS  	 7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide	10/16 - 4/30	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005	5.0  126 630 <b>chronic</b> TVS 0.75  0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	 TVS TVS  TVS TVS TVS TVS  TVS  TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide Nitrate	10/16 - 4/30	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 100	5.0  126 630 <b>chronic</b> TVS 0.75  0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	 TVS TVS  TVS TVS TVS TVS  TVS TVS  TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) 	10/16 - 4/30	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 100 	5.0  126 630 <b>chronic</b> TVS 0.75  0.011  0.5	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	 TVS TVS  TVS TVS TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS TVS
Fish Ingestion	I		pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) Coli (per 100 mL) Chloride Chloride Chloride Chloride Chlorite Nitrate Nitrate Phosphorus	10/16 - 4/30	 6.5 - 9.0    <b>acute</b> TVS  0.019 0.005 100  	5.0  126 630 <b>chronic</b> TVS 0.75 0.75 0.011  0.5 	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver Uranium	 TVS TVS  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS TVS TVS

COSPBT05	of The Big Thompson			al and Biologi			M	letals (ug/L)	
Designation	Agriculture		Thysic		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation N	10/16 - 4/30			acute	chronic	Arsenic	340	
	Recreation P	5/1 - 10/15	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:	1		pH		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )				Cadmium	TVS	TVS
ounon.			E. Coli (per 100 mL)	5/1 - 10/15		205	Chromium III	TVS	TVS
			E. Coli (per 100 mL)	10/16 - 4/30		630	Chromium III(T)		100
							Chromium VI	TVS	TVS
				norganic (mg/l			Copper	TVS	TVS
			· · · ·	norganio (ing/i	acute	chronic	Iron(T)		1000
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Manganese	TVS	TVS
			Chloride				Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum(T)		150
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		100		Selenium	TVS	TVS
			Nitrite			0.5	Silver	TVS	TVS
			Phosphorus			0.5	Uranium		
			Sulfate				Zinc	TVS	TVS
			Sulfide			0.002	ZINC	105	100
6 All tributorio	os to the Rig Thomp	on Pivor includin							
	es to the big monip:					n ta tha conf	luonco with the South Platte	Divor	
COSPBT06	Classifications					n to the conf	luence with the South Platte		
COSPBT06 Designation	Classifications	Son River, includin		cal and Biologi	cal			letals (ug/L)	chronic
Designation	Agriculture		Physic		cal DM	MWAT	M	letals (ug/L) acute	chronic
					cal DM WS-I	MWAT WS-I	Aluminum	letals (ug/L) acute 	chronic 
Designation	Agriculture Aq Life Warm 2		Physic Temperature °C		cal DM	MWAT WS-I chronic	M Aluminum Arsenic	letals (ug/L) acute  340	
<b>Designation</b> UP	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L)		Cal DM WS-I acute 	MWAT WS-I	Aluminum Arsenic Arsenic(T)	letals (ug/L) acute  340 	
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH		Cal DM WS-I acute	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340  	  7.6 
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )		cal DM WS-I acute  6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	letals (ug/L) acute  340   TVS	  7.6  TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	cal and Biologi	cal DM WS-1 acute  6.5 - 9.0 	MWAT WS-I chronic 5.0  150	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	letals (ug/L) acute  340  	 7.6  TVS TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)		cal DM WS-1 acute  6.5 - 9.0   L)	MWAT WS-I chronic 5.0  150 126	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III	letals (ug/L) acute  340   TVS TVS TVS 	 7.6  TVS TVS 100
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	cal and Biologi	cal DM WS-1 acute 6.5 - 9.0   L) acute	MWAT WS-I chronic 5.0  150 126 chronic	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T)	letals (ug/L) acute  340  TVS TVS TVS  TVS	 7.6  TVS TVS 100 TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia	cal and Biologi	cal DM WS-1 acute  6.5 - 9.0   L) acute TVS	MWAT WS-I chronic 5.0  150 126 chronic TVS	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	letals (ug/L) acute  340   TVS TVS TVS 	 7.6  TVS TVS 100 TVS TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron	cal and Biologi	cal DM WS-1 acute 6.5 - 9.0   L) acute	MWAT WS-I chronic 5.0  150 126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	letals (ug/L) acute  340  TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS TVS 1000
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride	cal and Biologi	cal DM WS-1 acute 6.5 - 9.0   L) acute TVS 	MWAT WS-I chronic 5.0  150 126 Chronic TVS 0.75 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	letals (ug/L) acute  340  TVS TVS TVS  TVS TVS	 7.6  TVS TVS 100 TVS TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	cal and Biologi	cal DM WS-I acute 6.5 - 9.0   L) acute TVS  US	MWAT WS-I chronic 5.0  150 126 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	letals (ug/L) acute  340  TVS TVS  TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	cal and Biologi	cal DM WS-I acute 6.5 - 9.0   CU acute TVS  TVS  0.019 0.005	MWAT WS-I chronic 5.0  150 126 Chronic TVS 0.75  0.011	M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	letals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t)
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         I         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	cal and Biologi	cal           DM           WS-1           acute              6.5 - 9.0                                      0.019           0.005           100	MWAT WS-I chronic 5.0  150 126 chronic TVS 0.75  0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	letals (ug/L) acute  340  TVS TVS TVS TVS TVS  TVS TVS  TVS TVS 	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         I         Ammonia         Boron         Chloride         Chlorite         Cyanide         Nitrate         Nitrite	cal and Biologi	cal DM WS-I acute 6.5 - 9.0   L) acute TVS  0.019 0.005 100 	MWAT WS-I chronic 5.0  150 126 Chronic TVS 0.75  0.011  0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	letals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         I         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	cal and Biologi	cal           DM           WS-1           acute              6.5 - 9.0                                      0.019           0.005           100	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011  0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	letals (ug/L)         acute            340            TVS         TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         I         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	cal and Biologi	cal DM WS-I acute 6.5 - 9.0   L) acute TVS  0.019 0.005 100  100	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011  0.5 0.17 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	letals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
Designation UP Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E		Physic         Temperature °C         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         I         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	cal and Biologi	cal DM WS-I acute 6.5 - 9.0   C 0.019 0.005 100  100  	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 0.011  0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	letals (ug/L)         acute            340            TVS         TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS TVS TVS

Creek from the	Classifications	Thompson River. 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		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
·		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	(mg/m <sup>2</sup> )(chronic) = applies only above 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
	at 50.5(4).	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. Mainstem o	f the Little Thompson River, including	all tributaries and wetlands, from	the source to the C	Culver Ditch of		TVS	TVS
COSPBT08	Classifications	all tributaries and wetlands, from Physical and	Biological		diversion.	Metals (ug/L)	
OSPBT08	Classifications Agriculture		Biological DM	MWAT	diversion.		TVS chronic
	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	diversion.	Metals (ug/L) acute 	
COSPBT08 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT CS-II chronic	diversion. Aluminum Arsenic	Metals (ug/L) acute	chronic 
COSPBT08 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	diversion. Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 	chronic 
COSPBT08 Designation Reviewable	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	diversion. Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic  0.02 
COSPBT08 Designation	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	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS(tr)	chronic  0.02
COSPBT08 Designation Reviewable 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 <sup>2</sup> )	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0  150	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340 	chronic  0.02  TVS 
COSPBT08 Designation Reviewable 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-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   TVS(tr)	chronic  0.02  TVS
COSPBT08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(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 <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340   TVS(tr) 5.0  50	chronic  0.02  TVS 
COSPBT08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   TVS(tr) 5.0 	chronic  0.02  TVS  TVS
COSPBT08 Designation Reviewable Qualifiers: Dther: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340   TVS(tr) 5.0  50	chronic  0.02  TVS  TVS 
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  tic (mg/L)	MWAT CS-II chronic 6.0 7.0  150 126	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150 126 chronic	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	Chronic  0.02  TVS  TVS  TVS 
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150 126 126 chronic TVS	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS TVS TVS TVS TVS
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  150 126 chronic TVS 0.75	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS TVS TVS WS 1000
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute TVS  	MWAT CS-II chronic 6.0 7.0  150 126  chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS	chronic  0.02  TVS  TVS  TVS TVS S VVS WS 1000 TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (o.5 - 9.0)   0.019	MWAT CS-II chronic 6.0 7.0  150 126 Chronic TVS 0.75 250 0.011	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02  TVS  TVS  TVS S VVS VVS 1000 TVS 
OSPBT08 resignation reviewable rualifiers: rther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( Cm CS- CM CS- CM CS- CM CS- CM CS- CM CS- CS- CM CS- CS- CS- CS- CS- CS- CS- CS-	MWAT CS-II chronic 6.0 7.0 120 120 126 Chronic TVS 0.75 250 0.011	diversion. 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(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS S S S S S S S S S S S S S S S S
OSPBT08 resignation reviewable rualifiers: rther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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  ct (mg/L) ic (mg/L) acute T∨S  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  150 126 Chronic TVS 0.75 250 0.011  	diversion. 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	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS TVS TVS TVS WS 1000 TVS S 1000 TVS S  TVS/WS 0.01(t)
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.01 0.019 0.005 10 	MWAT CS-II chronic 6.0 7.0 150 126 126 Chronic TVS 0.75 250 0.011  0.05	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 1000 TVS S 1000 TVS 1000 TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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  0.5 - 9.0   0.019 0.005 10  10  	MWAT CS-II chronic 6.0 7.0  150 126 Chronic TVS 0.75 250 0.011  0.05 0.11	diversion.	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS TVS  50 TVS TVS  TVS 50 TVS  TVS	Chronic  0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
OSPBT08 resignation reviewable rualifiers: rther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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  	MWAT CS-II chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.011  0.05 0.11 WS	diversion. 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)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS   TVS        -	Chronic  0.02  TVS TVS TVS TVS S 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
COSPBT08 Designation Leviewable Qualifiers: Dther: Eemporary M Irsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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  	MWAT CS-II chronic 6.0 7.0 126 126 Chronic TVS 0.75 250 0.011  0.05 0.11 WS	diversion. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS	chronic  0.02  TVS TVS TVS TVS S 1000 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 DM = daily maximum

MWAT = maximum weekly average temperature

See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

9. Mainstem of	f the Little Thompson River from the Cu	ulver Ditch diversion to the confluence	ce with the Big	Thompson R	iver.		
COSPBT09	Classifications	Physical and Biol	ogical		Met	tals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Selenium(chro		Inorganic (n	ng/L)		Chromium III		TVS
Expiration Date	e of 12/31/2020		acute	chronic	Chromium III(T)	50	
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
the facilities lis	ted at 38.5(4).	Boron		0.75	Copper	TVS	TVS
*Phosphorus(c facilities listed	chronic) = applies only above the at 38.5(4).	Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
10. All tributari	es to the Little Thompson River, includ	ing all wetlands, from the Culver Dite	ch diversion to t	the confluent	ce with the Big Thompson Riv	er.	
COSPBT10	Classifications	Physical and Biol	ogical		Met	tals (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		
	, , 2, ,	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium	TVS	TVS
*chlorophyll a the facilities lis	$(mg/m^2)(chronic) = applies only above at 38.5(4).$	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
*Phosphorus(c	chronic) = applies only above the	Inorganic (n	ng/L)		Chromium III(T)		100
facilities listed	at 38.5(4).		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

COSPBT11	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	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(tr)	TVS
Other:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
		рН		6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)				Chromium III(T)	50	
		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
			Inorganic (mg/	L)		Iron		WS
				acute	chronic	Iron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	50	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
		Nitrite			0.05	Nickel(T)		100
		Phosphorus				Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
					0.002	Zinc	TVS	TVS
12. Lake Love	and, Horseshoe Lake, Boyd Lake.						-	
COSPBT12	Classifications	Physic	aal and Bialan	ical				
		-	cal and Biolog	icai			Metals (ug/L)	
Designation	Agriculture		cai and Biolog	DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Agriculture Aq Life Warm 1	Temperature °C	cal and biolog		MWAT WL	Aluminum		chronic 
			car and brolog	DM			acute	
	Aq Life Warm 1 Recreation E Water Supply		cai and biolog	<b>DM</b> WL	WL	Aluminum	acute	
	Aq Life Warm 1 Recreation E	Temperature °C		DM WL acute	WL chronic	Aluminum Arsenic	acute  340	
	Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)		DM WL acute	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Reviewable	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	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Reviewable Qualifiers: Other:	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)	Inorganic (mg/	DM WL acute 6.5 - 9.0 	WL chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS	  0.02  TVS
Reviewable Qualifiers: Other: Temporary M	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 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS 5.0	 0.02  TVS 
Qualifiers: Other: Temporary M Arsenic(chroni	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  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS 5.0 	 0.02  TVS  TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM WL acute 6.5 - 9.0  L) acute	WL chronic 5.0  126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS 5.0  50	 0.02  TVS  TVS 
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron		DM WL acute 6.5 - 9.0   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	acute  340  TVS 5.0  50 TVS	 0.02  TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride		DM WL acute 6.5 - 9.0  t) 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	acute  340  TVS 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd 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		DM WL acute 6.5 - 9.0  C C C C C C C C C C C C C C C C C	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)	acute  340  TVS 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd 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 Cyanide		DM WL acute 6.5 - 9.0  C C C C C C C C C C C C C C C C C	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 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(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		DM WL acute 6.5 - 9.0   L) acute TVS  0.019 0.005 10	₩L chronic 5.0 126 126 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd 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 Chloride Chlorine Cyanide Nitrate Nitrite		DM WL acute 6.5 - 9.0  C C C C C C C C C C C C C C C C C	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	acute  340  TVS 5.0  50 TVS TVS TVS  TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS  TVS/WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd 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 Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM WL acute 6.5 - 9.0  () 200 0.019 0.005 10   0.019	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	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS TVS WS 1000 TVS 8 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Galaria Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM WL acute 6.5 - 9.0   0.019 0.005 10  10  	₩L chronic 5.0 126 0.126 Chronic TVS 0.75 250 0.011 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 Molybdenum(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS 50 TV	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd 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 Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM WL acute 6.5 - 9.0  () 200 0.019 0.005 10   0.019	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 Molybdenum(T) Nickel	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS S 1000 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Galaria Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM WL acute 6.5 - 9.0   0.019 0.005 10  10  	₩L chronic 5.0 126 0.126 Chronic TVS 0.75 250 0.011 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 Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Galaria Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM WL acute 6.5 - 9.0   0.019 0.005 10  10  	₩L chronic 5.0 126 0.126 Chronic TVS 0.75 250 0.011 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Galaria Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM WL acute 6.5 - 9.0   0.019 0.005 10  10  	₩L chronic 5.0 126 0.126 Chronic TVS 0.75 250 0.011 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	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 WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS 100 TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* dodification(s): ic) = hybrid te of 12/31/2021 h: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Galaria Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM WL acute 6.5 - 9.0   0.019 0.005 10  10  	₩L chronic 5.0 126 0.126 Chronic TVS 0.75 250 0.011 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS 5.0 50 TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS

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

t = total

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	Reservoir, Johnstown Reservoir.				-		
COSPBT13	Classifications	Phys	sical and Biological			Metals (ug/L)	
_	Agriculture		DM	MWAT		acute	chronic
	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 S	Standards	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Other:			Inorganic (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		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
14. Welch Res	ervoir, Lonetree Reservoir, Boedecker	Lake, Lon Hagler Res	servoir.				
COSPBT14	Classifications	Phys	sical and Biological			Metals (ug/L)	
-	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
		•			7 danina dan		
	Recreation E		acute	chronic	Arsenic	 340	
	Water Supply	D.O. (mg/L)	acute				
		D.O. (mg/L) pH		chronic 5.0	Arsenic	340	
	Water Supply			chronic 5.0	Arsenic Arsenic(T)	340	
	Water Supply	рН	 6.5 - 9.0	<b>chronic</b> 5.0	Arsenic Arsenic(T) Beryllium	340  	 0.02 
Qualifiers:	Water Supply DUWS*	pH chlorophyll a (ug/L)	 6.5 - 9.1 	chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS	 0.02  TVS
Qualifiers: Other:	Water Supply DUWS*	pH chlorophyll a (ug/L)	 6.5 - 9. 	chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340   TVS 5.0	 0.02  TVS 
Qualifiers: Other: Temporary Mo Arsenic(chroni	Water Supply DUWS*	pH chlorophyll a (ug/L)	 6.5 - 9.0   Inorganic (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
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Water Supply DUWS* odification(s): c) = hybrid	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0  Inorganic (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
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia	 6.5 - 9.   Inorganic (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
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	 6.5 - 9.0  Inorganic (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
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride	 6.5 - 9.0  Inorganic (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 TVS	 0.02  TVS  TVS TVS TVS WS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	 6.5 - 9.0  Inorganic (mg/L) acute TVS  0.019	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 	 0.02  TVS  TVS TVS TVS WS 1000
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  100rganic (mg/L) 100rganic (mg/L) 100rganic (mg/L) 100rganic (mg/L) 100rganic (mg/L)	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	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.4  100rganic (mg/L) Acute TVS  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  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 6.5 - 9.4  Inorganic (mg/L) acute TVS  0.019 0.005 10	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	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVSWS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.1  Inorganic (mg/L) Acute TVS  0.019 0.005 0.005 100	chronic 5.0 126 Chronic T∨S 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	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS TVS TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  100rganic (mg/L) 100rganic (mg/L) 100 100 100 100 100 100 100 10	Chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  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 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  TVS/WS 0.01(t)
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  100rganic (mg/L) 100rganic (mg/L) 100 100 100 100 100 100 100 10	Chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	ArsenicArsenic(T)BerylliumCadmiumCadmium(T)Chromium IIIChromium VIChromium VICopperIronIron(T)LeadLead(T)ManganeseMercuryMolybdenum(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 1000 TVS S 0.01(t) 150 TVS
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  100rganic (mg/L) 100rganic (mg/L) 100 100 100 100 100 100 100 10	Chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	ArsenicArsenic(T)BerylliumCadmiumCadmium(T)Chromium IIIChromium VICopperIronIron(T)LeadLead(T)ManganeseMercuryNickelNickel(T)	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS  TVS	 0.02  TVS  TVS TVS WS 1000 TVS 4000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Qualifiers: Other: Temporary Mo Arsenic(chroni Expiration Date *Classification:	Water Supply DUWS* odification(s): c) = hybrid e of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  100rganic (mg/L) 100rganic (mg/L) 100 100 100 100 100 100 100 10	Chronic 5.0  126 Chronic TVS 0.75 250 0.011  0.5  0.5  WS	ArsenicArsenic(T)BerylliumCadmium(T)Cadmium(T)Chromium IIIChromium VICopperIronIron(T)LeadLead(T)ManganeseMercuryNickelNickel(T)Selenium	340  TVS 5.0  50 TVS TVS  TVS 50 TVS 50 TVS  TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

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

t = total

DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

D.O. = dissolved oxygen

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

10.711 101/05 0	and reservoirs tributary to the Big Tho	TIPSOIT RIVEL WITHIN ROCKY WOULTA					
COSPBT15	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(tr)	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	and reservoirs tributary to the Big Tho	mpson River from the boundary of	Rocky Mountain	Vational Park	to the Home Supply Cana	diversion This seam	nent includes
					to the Home Supply Sund	arterereri inte eegn	
-	nd St Mary's Lake.	Physical and			1		
COSPBT16	Classifications	Physical and	Biological		1	Metals (ug/L)	
-	Classifications		Biological DM	MWAT			chronic
COSPBT16 Designation	Classifications Agriculture	Physical and Temperature °C	Biological DM CL,CLL	MWAT CL,CLL	Aluminum	Metals (ug/L) acute 	chronic
COSPBT16 Designation	Classifications Agriculture Aq Life Cold 1	Temperature °C	Biological DM	MWAT CL,CLL chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic 
COSPBT16 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute  340	chronic 
COSPBT16 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL,CLL acute 	MWAT CL,CLL chronic	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute  340 	chronic  0.02 
COSPBT16 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL,CLL acute   6.5 - 9.0	<b>MWAT</b> CL,CLL <b>chronic</b> 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS(tr)	chronic  0.02  TVS
COSPBT16 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL,CLL acute 	MWAT CL,CLL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340  TVS(tr) 5.0	chronic  0.02  TVS 
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL,CLL acute  6.5 - 9.0 	<b>MWAT</b> CL,CLL <b>chronic</b> 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340  T√S(tr) 5.0 	Chronic  0.02  TVS  TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL,CLL acute  6.5 - 9.0  	MWAT CL,CLL chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50	chronic  0.02  TVS  TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL,CLL acute  6.5 - 9.0   c (mg/L)	MWAT CL,CLL Chronic 6.0 7.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	Biological DM CL,CLL acute  6.5 - 9.0  (c (mg/L) acute	MWAT           CL,CLL           chronic           6.0           7.0              126           chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	chronic  0.02  TVS  TVS  TVS TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CL,CLL acute   6.5 - 9.0   (c (mg/L) acute TVS	MWAT CL,CLL Chronic 6.0 7.0 1.26 1.26 Chronic chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	Chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CL,CLL acute   6.5 - 9.0  c (mg/L) c (mg/L) TVS 	MWAT           CL,CLL           chronic           6.0           7.0           126           126           Chronic           126           Chronic           126           Chronic           Chronic           0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	Chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CL,CLL acute   6.5 - 9.0  c (mg/L) acute TVS  	MWAT           CL,CLL           chronic           6.0           7.0           126           126           Chronic           7.0           126           0.75           250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	Chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CL,CLL acute  6.5 - 9.0  (c (mg/L) c (mg/L)  TVS  0.019	MWAT           CL,CLL           chronic           6.0           7.0           126           0.126           Chronic           126           0.126           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS 50 TVS 50	chronic  0.02  TVS  TVS TVS TVS SVS 1000 TVS 
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL,CLL acute   (  ( () (	MWAT           CL,CLL           Chronic           6.0           7.0           126           126           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS S S VS 4000 TVS  TVS WS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CL,CLL acute   6.5 - 9.0  c (mg/L) c (mg/L) C (mg/L)  0.019 0.005 10	MWAT           CL,CLL           chronic           6.0           7.0           126           126           Chronic           126           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	Chronic  0.02  TVS  TVS S S S S S S S S S S S S S S S S S S
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL,CLL acute   6.5 - 9.0  ( () (-	MWAT           CL,CLL           chronic           6.0           7.0           126           0.75           250           0.011              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 Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS  	Chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CL,CLL acute   (  (  (     (  	MWAT           CL,CLL           chronic           6.0           7.0           7.1           126           0.75           250           0.011              0.051              0.052	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS 4000 TVS  TVS/WS 0.01(t) 150 TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL,CLL acute    6.5 - 9.0    c (mg/L) C (mg/L) C (mg/L)   0.019 0.005 10 10  10  10  10  10  10   	MWAT           CL,CLL           chronic           6.0           7.0           126           0.126           0.126           0.126           0.011           0.011           0.011           0.011           0.011           0.011           0.035           0.05           0.05           0.WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS  TVS   TVS   	chronic            0.02            TVS            TVS            TVS         0.02            TVS            TVS         0.01(t)         150         TVS         1000
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (ug/L)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	Biological DM CL,CLL acute   (  (  (     (  	MWAT           CL,CLL           chronic           6.0           7.0           7.1           126           0.75           250           0.011              0.051              0.052	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         TVS         50         TVS         50         TVS         TVS <tr< td=""><td>Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS</td></tr<>	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL,CLL acute    6.5 - 9.0    c (mg/L) C (mg/L) C (mg/L)   0.019 0.005 10 10  10  10  10  10  10   	MWAT           CL,CLL           chronic           6.0           7.0           126           0.126           0.126           0.126           0.011           0.011           0.011           0.011           0.011           0.011           0.035           0.05           0.05           0.WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L) acute acut	chronic            0.02            TVS            TVS            TVS         0.02            TVS            TVS         0.01(t)         150         TVS         1000
COSPBT16 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Classificatior	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* Modification(s): nic) = hybrid ate of 12/31/2021	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL,CLL acute    6.5 - 9.0    c (mg/L) C (mg/L) C (mg/L)   0.019 0.005 10 10  10  10  10  10  10   	MWAT           CL,CLL           chronic           6.0           7.0           126           0.126           0.126           0.126           0.011           0.011           0.011           0.011           0.011           0.011           0.035           0.05           0.05           0.WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L)         acute            340            340            TVS(tr)         5.0            50         TVS         TVS         TVS         50         TVS         50         TVS         TVS <tr< td=""><td>Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 150 TVS 1000 TVS 100 TVS 100</td></tr<>	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 150 TVS 1000 TVS 100

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

DM = daily maximum

D.O. = dissolved oxygen

MWAT = maximum weekly average temperature

See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

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

17. All lakes a Segments 12		3 1					
COSPBT17	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		
Nater + Fish	Standards	chlorophyll a (ug/L)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
emporary M	odification(s):	Inorgar	nic (mg/L)		Chromium III		TVS
rsenic(chroni			acute	chronic	Chromium III(T)	50	
xpiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
				0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
18. All lakes a	nd reservoirs tributary to t	the Little Thompson River from the source to	the Culver Ditch div	ersion.			
COSPBT18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
Reviewable	Recreation E	Temperature °C	CL acute	CL chronic	Aluminum Arsenic	 340	
Reviewable	-	Temperature °C D.O. (mg/L)			-		  0.02
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:	Recreation E	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Arsenic(T)	340	0.02
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning)	acute 	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium	340  	0.02
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute   6.5 - 9.0	<b>chronic</b> 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	340   TVS(tr)	0.02  TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340  TVS(tr) 5.0	0.02  TVS 
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340  TVS(tr) 5.0 	0.02  TVS  TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340  TVS(tr) 5.0  50	0.02  TVS  TVS 
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute  6.5 - 9.0  	chronic           6.0           7.0              126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340  TVS(tr) 5.0  50 TVS	0.02  TVS  TVS  TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  hic (mg/L) acute	chronic           6.0           7.0              126           chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340  TVS(tr) 5.0  50 TVS TVS	0.02  TVS  TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute  6.5 - 9.0  nic (mg/L) acute TVS	chronic           6.0           7.0              126           chronic           TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340  TVS(tr) 5.0  50 TVS TVS TVS	0.02  TVS  TVS TVS TVS WS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute  6.5 - 9.0  nic (mg/L) acute TVS	chronic           6.0           7.0              126           chronic           TVS           0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340  TVS(tr) 5.0  50 TVS TVS TVS 	0.02  TVS  TVS TVS TVS WS 1000
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute  6.5 - 9.0  nic (mg/L) acute T∨S 	chronic           6.0           7.0              126           chronic           TVS           0.75           250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340  TVS(tr) 5.0  50 TVS TVS  TVS	0.02  TVS  TVS TVS TVS WS 1000
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute  6.5 - 9.0   nic (mg/L) acute T∨S   0.019	chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50	0.02  TVS  TVS TVS S S S S S S S S S S S S S S S S
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute  6.5 - 9.0   nic (mg/L) acute TVS   0.019 0.005	<pre>chronic     6.0     7.0      126     chronic     TVS     0.75     250     0.011     </pre>	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS	0.02  TVS  TVS TVS TVS WS 1000 TVS
Qualifiers:	Recreation E	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	acute  6.5 - 9.0  inic (mg/L) acute TVS  0.019 0.005 10	chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)
Qualifiers:	Recreation E	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	acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10 10	chronic 6.0 7.0 7.0 126 126 0.01 0.011 0.05 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 Molybdenum(T)	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Qualifiers:	Recreation E	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	acute 6.5 - 9.0	chronic           6.0           7.0              126           Chronic           TVS           0.75           250           0.011              0.05              WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS 0.00 TVS 0.01(t) 150 TVS 0.01(t) 150 TVS 100
Qualifiers:	Recreation E	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	acute  6.5 - 9.0   nic (mg/L) acute TVS  0.019 0.005 10 10	chronic 6.0 7.0 7.0 126 126 0.01 0.011 0.05 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 Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS
Qualifiers:	Recreation E	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	acute 6.5 - 9.0	chronic           6.0           7.0              126           Chronic           TVS           0.75           250           0.011              0.05              WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	340  TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	0.02  TVS  TVS TVS 0.00 TVS  TVS,WS 0.01(t) 150 TVS 100
Reviewable Qualifiers: Other:	Recreation E	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	acute 6.5 - 9.0	chronic         6.0         7.0            126         Chronic         TVS         0.75         250         0.011            0.05            WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	340  TVS(tr) 5.0  50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	

All metals are dissolved unless otherwise noted.

T = total recoverable

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

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

COSPBT19	Classifications	Physical and	Biological		N	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 <b>-</b> 10 <sup>4</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgar	nic (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	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		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

<ol> <li>Mainstem of Wilderness Are</li> </ol>		1					
COSPCP01	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:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Femporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Utanium		
					Zinc	TVS	TVS
	of the Cache La Poudre River, includir				Zinc untain National Park and t	TVS	TVS
and Cache La	of the Cache La Poudre River, includir Poudre Wilderness Areas to a point in Classifications		with the South For		Zinc untain National Park and t Poudre River.	TVS	TVS
and Cache La	Poudre Wilderness Areas to a point in	nmediately below the confluence	with the South For		Zinc untain National Park and t Poudre River.	TVS he Rawah, Neota, Co	TVS
and Cache La COSPCP02A	Poudre Wilderness Areas to a point in Classifications	nmediately below the confluence	with the South For Biological	k Cache La I	Zinc untain National Park and t Poudre River.	TVS he Rawah, Neota, Co Metals (ug/L)	TVS manche Peak,
and Cache La COSPCP02A Designation	Poudre Wilderness Areas to a point in Classifications Agriculture	nmediately below the confluence Physical and I	with the South For Biological DM	k Cache La I MWAT	Zinc untain National Park and t Poudre River.	TVS he Rawah, Neota, Co Metals (ug/L)	TVS manche Peak, chronic
and Cache La COSPCP02A Designation	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1	nmediately below the confluence Physical and I	with the South For Biological DM CS-I	k Cache La I MWAT CS-I	Zinc untain National Park and t Poudre River. Aluminum Arsenic	TVS he Rawah, Neota, Co Metals (ug/L) acute 	TVS manche Peak, chronic 
and Cache La COSPCP02A Designation Reviewable	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1 Recreation E	nmediately below the confluence Physical and I Temperature °C	with the South For Biological DM CS-I acute	k Cache La I MWAT CS-I chronic	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340	TVS manche Peak, chronic 
and Cache La COSPCP02A Designation Reviewable Qualifiers:	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	with the South For Biological DM CS-I acute 	k Cache La MWAT CS-I chronic 6.0	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  	TVS manche Peak, chronic  0.02 
and Cache La COSPCP02A Designation Reviewable Qualifiers: Dther:	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	with the South For Biological DM CS-I acute  6.5 - 9.0	k Caché La MWAT CS-I chronic 6.0 7.0 	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr)	TVS manche Peak, chronic  0.02  TVS
and Cache La COSPCP02A Designation Reviewable Qualifiers: Other: Temporary Me	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	with the South For Biological DM CS-I acute 	k Caché La MWAT CS-I chronic 6.0 7.0  150*	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0	TVS manche Peak, chronic  0.02  TVS 
and Cache La COSPCP02A Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Temperature °C D.O. (mg/L) pH	with the South For Biological DM CS-1 acute  6.5 - 9.0 	k Caché La MWAT CS-I chronic 6.0 7.0 	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS manche Peak, chronic  0.02  TVS  TVS
and Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	with the South For Biological DM CS-1 acute  6.5 - 9.0  	k Caché La MWAT CS-I chronic 6.0 7.0  150*	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50	TVS manche Peak, chronic  0.02  TVS  TVS 
And Cache La COSPCP02A Designation Reviewable Qualifiers: Other: Temporary Mode Arsenic(chroni Expiration Date chlorophyll a	Poudre Wilderness Areas to a point in Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	with the South For Biological DM CS-1 acute  6.5 - 9.0  c (mg/L)	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126	Zinc untain National Park and the Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 chronic	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS  TVS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a he facilities lis	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute TVS	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 chronic Chronic TVS	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS TVS TVS WS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Data chlorophyll a he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron	with the South For Biological DM CS-1 acute  6.5 - 9.0  c (mg/L) acute TVS 	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126  126  TVS 0.75	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS VS VS WS 1000
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Data chlorophyll a he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute TVS  	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 150* 126 chronic TVS 0.75 250	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS TVS TVS WS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) CS   0.019	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 chronic TVS 0.75 250 0.011	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS  TVS 50 TVS 50 TVS 50	TVS manche Peak, chronic  0.02  TVS  TVS  TVS VS VS WS 1000 TVS 
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126  126  Chronic TVS 0.75 250 0.011 	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak, chronic  0.02  TVS  TVS  TVS S S S S S S S S S S S S S S S S S S
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) C TVS  0.019 0.005 10	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250 0.011  250	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak, chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 150* 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Untain National Park and t Poudre River.  Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium III(T) Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak chronic  0.02  TVS  TVS S S S S S S S S S S S S S S S S S S
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C  Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) CS  0.019 0.005 10  10 	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250 0.011  0.05 0.11*	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak chronic  0.02  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Immediately below the confluence         Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	with the South For Biological DM CS-I acute  6.5 - 9.0  C (mg/L) C (	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126  126  0.75 250 0.011  0.05 0.11* WS	Zinc untain National Park and t Poudre River.  Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak chronic  0.02  TVS  TVS  TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C  Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)  Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	with the South For Biological DM CS-I acute  6.5 - 9.0  c (mg/L) c (mg/L) CS  0.019 0.005 10  10 	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126 126 chronic TVS 0.75 250 0.011  0.05 0.11*	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak chronic   0.02  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS
Ind Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Date chlorophyll a i ne facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Immediately below the confluence         Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	with the South For Biological DM CS-I acute  6.5 - 9.0  C (mg/L) C (	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126  126  0.75 250 0.011  0.05 0.11* WS	Zinc Untain National Park and t Poudre River.  Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  TVS(tr) 5.0 TVS 50 TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak, chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS
And Cache La COSPCP02A Designation Reviewable Qualifiers: Dther: Temporary Mo Arsenic(chroni Expiration Data chlorophyll a he facilities lis Phosphorus(c	Poudre Wilderness Areas to a point in <b>Classifications</b> Agriculture Aq Life Cold 1 Recreation E Water Supply bdification(s): c) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Immediately below the confluence         Physical and I         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	with the South For Biological DM CS-I acute  6.5 - 9.0  C (mg/L) C (	k Caché La MWAT CS-I chronic 6.0 7.0  150* 126  126  0.75 250 0.011  0.05 0.11* WS	Zinc untain National Park and t Poudre River. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS he Rawah, Neota, Co Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS  50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS manche Peak, chronic    TVS  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS/WS 0.01(t)

All metals are dissolved unless otherwise noted.

D.O. = dissolved oxygen DM = daily maximum

- T = total recoverable
- t = total

tr = trout

MWAT = maximum weekly average temperature

See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

COSPCP02B	Classifications	Physical and	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
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
rsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
. Deleted.							
OSPCP03	Classifications	Physical and	Biological			Metals (ug/L)	
esignation			DM	MWAT		acute	chronic
ualifiers:			acute	chronic			
ther:							
		Inorgan	ic (mg/L)		1		
			acute	chronic			

4. Deleted.					
COSPCP04	Classifications	Physical and Biological		Metals (ug/L)	
Designation	1	DM	MWAT	acut	te chronic
Qualifiers:		acute	chronic		
Other:					
		Inorganic (mg/L)			
		acute	chronic	]	
5. Deleted.					
	Classifications	Physical and Biological		Metals (ug/L)	
COSPCP05		Physical and Biological DM	MWAT	Metals (ug/L) acut	te chronic
COSPCP05 Designation			MWAT		te chronic
COSPCP05 Designation			MWAT		te chronic
COSPCP05 Designation Qualifiers:		DM			te chronic
COSPCP05 Designation Qualifiers: Other:		DM			te chronic
COSPCP05 Designation Qualifiers:		DM			te chronic

6. Mainstem of	t the North Fork of the Ca	ache La Poudre River, including all tributaries a	nd wetlands, from	the source t	o the milet of Halligan Rese	ervoir.	
COSPCP06	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(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )		150	Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	f the North Fork of the Ca	ache La Poudre River from the inlet of Halligan	Reservoir to the c	onfluence wi	th the Cache La Poudre R	iver, except for specifi	c listings in
Segment 20.							
COSPCP07	Classifications	Physical and B	iological			Metals (ug/L)	
		Physical and B	iological DM	MWAT		Metals (ug/L) acute	chronic
	Classifications Agriculture Aq Life Cold 1	Physical and B	DM	MWAT			chronic
Designation	Agriculture		-		Aluminum	acute	
Designation	Agriculture Aq Life Cold 1	Temperature °C	DM CS-II	MWAT CS-II	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic Arsenic(T)	acute  340	
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	  0.02  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C       D.O. (mg/L)       D.O. (spawning)       pH       chlorophyll a (mg/m²)	DM CS-II acute  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable 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-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic	DM CS-II acute  6.5 - 9.0   (mg/L) acute	MWAT CS-II chronic 6.0 7.0  126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS 
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia	DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  126  126 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS TVS WS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron	DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126  126  tVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride	DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  	MWAT CS-II chronic 6.0 7.0  126  126  tVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine	DM CS-II acute  6.5 - 9.0  (mg/L) acute TVS  0.019	MWAT           CS-II           chronic           6.0           7.0              126           chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide	DM CS-II acute  6.5 - 9.0  (mg/L) (mg/L)  TVS  TVS  0.019 0.005	MWAT           CS-II           chronic           6.0           7.0           126           chronic           TVS           0.75           250           0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS 1000 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM CS-II acute  6.5 - 9.0  (mg/L) (mg/L) CVS  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  126  126  126  126 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  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 Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-II acute  6.5 - 9.0   (mg/L) acute TVS  0.019 0.005 10  10	MWAT           CS-II           chronic           6.0           7.0           126           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 Molybdenum(T) Nickel	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-II acute   6.5 - 9.0  (mg/L) (mg/L) TVS  0.019 0.005 10  10 	MWAT           CS-II           chronic           6.0           7.0           126           Chronic           126           0.01           0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 T	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS 100
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-II acute  6.5 - 9.0   (mg/L) acute TVS  0.019 0.005 10  10	MWAT           CS-II           chronic           6.0           7.0           126           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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS 50 TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-II acute   6.5 - 9.0  (mg/L) (mg/L) TVS  0.019 0.005 10  10 	MWAT           CS-II           chronic           6.0           7.0           126           Chronic           126           0.01           0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 340 TVS(tr) 5.0 50 TVS 50 50 TVS 50 50 TVS 50 50 50 50 50 50 50 50 50 50 50 50 50	 0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 100 TVS 100 TVS
Designation Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-II acute   6.5 - 9.0  (mg/L) (mg/L) TVS  0.019 0.005 10  10 	MWAT           CS-II           chronic           6.0           7.0           126           Chronic           126           0.01           0.05              WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS 50 TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

- D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

- t = total
- tr = trout

<ol> <li>All tributarie for specific list</li> </ol>	lings in Segment 9.						
COSPCP08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Water + Fish	Standards	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni	ic) = hybrid				Chromium III(T)	50	
Expiration Dat	e of 12/31/2021	Inorgar	ic (mg/L)		Chromium VI	TVS	TVS
*chlorophyll a	(mg/m <sup>2</sup> )(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
the facilities lis	sted at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
*Phosphorus(c facilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
9. Mainstem o	f Rabbit Creek and Lone Pine Creek fr	om the source to the confluence	e with the North Fork	of the Cacl		TVS	TVS
COSPCP09	Classifications	om the source to the confluence Physical and	Biological		ne La Poudre River.	Metals (ug/L)	
COSPCP09 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	he La Poudre River.		TVS
COSPCP09	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	ne La Poudre River.	Metals (ug/L) acute 	
COSPCP09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT CS-II chronic	he La Poudre River. Aluminum Arsenic	Metals (ug/L) acute	chronic 
COSPCP09 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	ne La Poudre River.	Metals (ug/L) acute 	chronic 
COSPCP09 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	he La Poudre River. Aluminum Arsenic	Metals (ug/L) acute  340	chronic   0.02 
COSPCP09 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 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute  340   TVS(tr)	chronic   0.02
COSPCP09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute  340 	chronic  0.02  TVS 
COSPCP09 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute  340   TVS(tr) 5.0 	chronic  0.02  TVS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Ma	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/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute  340   TVS(tr) 5.0  50	chronic  0.02  TVS  TVS 
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	Chronic  0.02  TVS  TVS  TVS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute  340   TVS(tr) 5.0  50	chronic  0.02  TVS  TVS  TVS TVS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  c ic (mg/L)	MWAT CS-II chronic 6.0 7.0  150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	chronic  0.02  TVS  TVS  TVS S TVS S WS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Ma Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0  150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  (c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  150* 126 thronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	chronic  0.02  TVS  TVS  TVS S TVS S WS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat 'chlorophyll a the facilities lis 'Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  ic (mg/L) TVS 	MWAT CS-II chronic 6.0 7.0  150* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat 'chlorophyll a the facilities lis 'Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute  6.5 - 9.0  control contr	MWAT CS-II chronic 6.0 7.0  150* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni Expiration Dat 'chlorophyll a the facilities lis 'Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  () CVS  TVS  0.019	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat 'chlorophyll a he facilities lis 'Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( CS   SI C(mg/L) CS   0.019 0.005	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat chlorophyll a he facilities lis Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  ( 0.5   0.01 0.005 10	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011  	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150 TVS
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat chlorophyll a he facilities lis Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute   6.5 - 9.0   (.5 - 9.0)  (.5 - 9.0)  (.5 - 9.0)   0.5 - 9.0   0.019 0.005 10 10  10 	MWAT CS-II chronic 6.0 7.0 150* 126 126 Chronic TVS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute  340  TVS(tr) 5.0 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat chlorophyll a he facilities lis Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar 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  0.5  0.01 0.005 10  10 	MWAT CS-II chronic 6.0 7.0  150* 126 Chronic TVS 0.75 250 0.011  0.05 0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS 50 TVS  50 TVS  TVS  TVS 50 TVS  TVS	chronic  0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS SWS 0.01(t) 150 TVS
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat chlorophyll a he facilities lis Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.01 0.005 10 10  10 	MWAT CS-II chronic 6.0 7.0 150* 126 0.0 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 Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  50 TVS TVS  50 TVS TVS  TVS  TVS  TVS  TVS  TVS  TVS   TVS        -	chronic  0.02  TVS  TVS S S S S S S S S S S S S S S S S S S
COSPCP09 Designation Reviewable Qualifiers: Dther: Temporary Me Arsenic(chroni Expiration Dat 'chlorophyll a he facilities lis 'Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m <sup>2</sup> )(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  6.5 - 9.0  0.5  0.01 0.005 10 10  10 	MWAT CS-II chronic 6.0 7.0 150* 126 0.0 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 Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS	chronic  0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

- T = total recoverable
- t = total

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	ty Ditch diversion (40.657, -1 Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
rsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
xpiration Dat	e of 12/31/2021				Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	 TVS	TVS
0b. Mainsten	n of the Cache La Poudre Ri	iver from a point immediately above the Lar	imer County Ditch	diversion (40	Zinc	TVS	
	Classifications	iver from a point immediately above the Lar Physical and I	Biological		Zinc 0.657, -105.185) to Shields	TVS	
OSPCP10B esignation	Classifications Agriculture		Biological DM	MWAT	Zinc 0.657, -105.185) to Shields	TVS Street in Ft. Collins, (	
	Classifications Agriculture Aq Life Cold 2		Biological DM CS-II	MWAT CS-II	Zinc 0.657, -105.185) to Shields	TVS Street in Ft. Collins, ( Metals (ug/L)	Colorado.
OSPCP10B esignation	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and I	Biological DM	MWAT	Zinc D.657, -105.185) to Shields Aluminum Arsenic	TVS Street in Ft. Collins, ( Metals (ug/L) acute	Colorado. chronic
OSPCP10B esignation eviewable	Classifications Agriculture Aq Life Cold 2	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II	Zinc .657, -105.185) to Shields Aluminum	TVS Street in Ft. Collins, ( Metals (ug/L) acute 	Colorado. chronic 
OSPCP10B 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 D.657, -105.185) to Shields Aluminum Arsenic	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340 	Colorado. chronic 
OSPCP10B esignation eviewable	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	Zinc 0.657, -105.185) to Shields Aluminum Arsenic Arsenic(T)	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340 	Colorado. chronic  0.02 
OSPCP10B esignation eviewable ualifiers: /ater + Fish	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Zinc .657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340 	Colorado. chronic  0.02  TVS
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther:	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  6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Street in Ft. Collins, 0 Metals (ug/L) acute  340  TVS(tr)	Colorado. chronic  0.02  TVS 
OSPCP10B esignation eviewable ualifiers: //ater + Fish ther: emporary 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 chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340  TVS(tr) 5.0	Colorado. chronic  0.02  TVS 
OSPCP10B esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(chroni	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 chlorophyll a (mg/m <sup>2</sup> )	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340  TVS(tr) 5.0 	Colorado. chronic  0.02  TVS  TVS 
OSPCP10B esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(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/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  	MWAT CS-II chronic 6.0 7.0 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Street in Ft. Collins, 0 Metals (ug/L) acute  340  TVS(tr) 5.0  50	Colorado. chronic  0.02  TVS  TVS  TVS TVS TVS
OSPCP10B esignation eviewable tualifiers: /ater + Fish tther: emporary M rsenic(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/m <sup>2</sup> ) E. Coli (per 100 mL)	Biological DM CS-II acute  6.5 - 9.0  c (mg/L)	MWAT CS-II chronic 6.0 7.0  126	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Street in Ft. Collins, 0 Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS	Colorado. chronic  0.02  TVS  TVS  TVS  XVS WS
OSPCP10B esignation eviewable tualifiers: /ater + Fish tther: emporary M rsenic(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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute	MWAT CS-II chronic 6.0 7.0  126 chronic	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	Colorado. chronic  0.02  TVS  TVS TVS TVS WS 1000
OSPCP10B esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS	Colorado. chronic  0.02  TVS  TVS TVS TVS WS 1000
OSPCP10B esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS 	MWAT CS-II chronic 6.0 7.0  126 126 Chronic TVS 0.75	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS           Street in Ft. Collins, C           Metals (ug/L)           acute           340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           TVS              50           TVS           TVS           TVS	Colorado. chronic  0.02  TVS  TVS TVS TVS WS 1000
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary More the the the the the the the the the th	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)         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  126 126 Chronic TVS 0.75 250	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS           Street in Ft. Collins, C           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              50           TVS	Colorado. chronic  0.02  TVS  TVS  TVS WS 1000 TVS 
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	MWAT CS-II chronic 6.0 7.0  126 126 chronic TVS 0.75 250 0.011	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS           Street in Ft. Collins, C           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           5.0              TVS           TVS           TVS           TVS           TVS           TVS           TVS           50           TVS              TVS           50	Colorado. chronic  0.02  TVS TVS  TVS WS 1000 TVS  TVS/WS
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Street in Ft. Collins, ( Metals (ug/L) acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	Colorado. chronic  0.02  TVS  TVS
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	Biological DM CS-II acute  6.5 - 9.0  6.5 - 9.0  c (mg/L) c (mg/L) acute T∨S  0.019 0.005 10	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  125	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS           Street in Ft. Collins, C           Metals (ug/L)           acute           340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           TVS           50           TVS           TVS	Colorado. chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary More the the the the the the the the the th	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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	Biological DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 	MWAT CS-II chronic 6.0 7.0  126 Chronic TVS 0.75 250 0.011  0.05	Zinc Zinc	TVS         Street in Ft. Collins, C         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS(tr)         5.0         TVS                     TVS	Colorado. chronic   0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 0.01(t) 150 TVS
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	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 Chronic TVS 0.75 250 0.011  0.05 	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS       Street in Ft. Collins, (       Metals (ug/L)       acute          340          340          TVS(tr)       5.0       TVS(tr)       5.0       TVS	Colorado. chronic  0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
OSPCP10B esignation eviewable ualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  (mg/L) c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT CS-II chronic 6.0 7.0  126 0.01 Chronic TVS 0.75 250 0.011  0.05  WS	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS         Street in Ft. Collins, (         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0         TVS         TVS <tr tr="">        TVS</tr>	Colorado. chronic  0.02  TVS TVS  TVS WS 1000 TVS WS 0.01(t) 150 TVS 100
OSPCP10B esignation eviewable uualifiers: /ater + Fish ther: emporary M rsenic(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)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	Biological DM CS-II acute  6.5 - 9.0  (mg/L) c (mg/L) acute TVS  0.019 0.005 10  10 	MWAT CS-II chronic 6.0 7.0  126 0.01 Chronic TVS 0.75 250 0.011  0.05  WS	Zinc 2.657, -105.185) to Shields Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS         Street in Ft. Collins, (         Metals (ug/L)         acute            340            340            340            50         TVS(tr)         50         TVS         TVS         50         TVS	Colorado. chronic  0.02  TVS TVS TVS WS 1000 TVS WS 0.01(t) 150 TVS 1000 TVS

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

DM = daily

- t = total
- t = totaltr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	ields Street in Ft. Collins to a poir					
Classifications	Physical and E	Biological		M	letals (ug/L)	
Agriculture		DM	MWAT		acute	chronic
Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	
	D.O. (mg/L)		5.0	Arsenic(T)		7.6
	pН	6.5 - 9.0		Beryllium		
lodification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	Inorgani	c (mg/L)		Chromium III(T)		100
te of 12/31/2020		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
		0.005		Mercury		0.01(t)
	-			Molybdenum(T)		150
	Nitrite		2.7	Nickel	TVS	TVS
	Phosphorus			Selenium	TVS	TVS
				Silver	TVS	TVS
	Sulfide		0.002	Uranium		
				Zinc	TVS	TVS
of the Cache La Poudre River from a p	oin immediately above the conflu	ence with Boxelder	r Creek to th	e confluence with the South	Platte River.	
Classifications	Physical and E	Biological		M	letals (ug/L)	
Agriculture		DM	MWAT		acute	chronic
Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	
	D.O. (mg/L)		5.0	Arsenic(T)		7.6
	pH	65 00		Bondlium		
		6.5 - 9.0		Derymun		
Indification(s):	chlorophyll a (mg/m <sup>2</sup> )	6.5 - 9.0		Cadmium	TVS	TVS
lodification(s): DM/MWAT) = current	chlorophyll a (mg/m²) E. Coli (per 100 mL)					
DM/MWAT) = current				Cadmium	TVS	TVS
	E. Coli (per 100 mL)			Cadmium Chromium III	TVS TVS	TVS TVS
DM/MWAT) = current	E. Coli (per 100 mL)	  c (mg/L)	 126	Cadmium Chromium III Chromium III(T)	TVS TVS 	TVS TVS 100
DM/MWAT) = current	E. Coli (per 100 mL) Inorganio	  c (mg/L) acute	 126 chronic	Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS TVS  TVS	TVS TVS 100 TVS
DM/MWAT) = current	E. Coli (per 100 mL) Inorganie Ammonia	  c (mg/L) acute TVS	 126 chronic TVS	Cadmium Chromium III Chromium III(T) Chromium VI	TVS TVS  TVS TVS	TVS TVS 100 TVS TVS
DM/MWAT) = current	E. Coli (per 100 mL) Inorganio Ammonia Boron	  c (mg/L) acute TVS 	 126 <b>chronic</b> TVS 0.75	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS TVS  TVS TVS 	TVS TVS 100 TVS TVS 1000
DM/MWAT) = current	E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride	  c (mg/L) acute TVS 	 126 <b>chronic</b> TVS 0.75 	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS TVS  TVS TVS  TVS	TVS TVS 100 TVS TVS 1000 TVS
DM/MWAT) = current	E. Coli (per 100 mL) Inorganie Ammonia Boron Chloride Chlorine	 c (mg/L) acute TVS  0.019	 126 <b>chronic</b> TVS 0.75  0.011	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS TVS  TVS TVS  TVS TVS	TVS TVS 100 TVS TVS 1000 TVS TVS
DM/MWAT) = current	E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	 c (mg/L) acute TVS  0.019 0.005	 126 <b>chronic</b> TVS 0.75  0.011 	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	TVS TVS  TVS  TVS TVS TVS 	TVS TVS 100 TVS 1000 TVS TVS 0.01(t)
DM/MWAT) = current	E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 c (mg/L) acute TVS  0.019 0.005 100	 126 <b>chronic</b> TVS 0.75  0.011 	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS TVS  TVS TVS TVS TVS  	TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150
DM/MWAT) = current	E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrate Phosphorus	 c (mg/L) TVS  0.019 0.005 100	 126 Chronic TVS 0.75 0.011 0.011  2.7 2.7	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS TVS  TVS TVS TVS TVS  TVS  TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
DM/MWAT) = current	E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 c (mg/L) acute TVS  0.019 0.005 100  	 126 TVS 0.75 0.011  2.7	Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS TVS  TVS TVS TVS TVS  TVS TVS TVS	TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
t	Agriculture Aq Life Warm 1 Recreation E M/MWAT) = current 12/1 - 2/29 te of 12/31/2020 of the Cache La Poudre River from a p Classifications Agriculture Aq Life Warm 1	Agriculture       Image: Agriculture         Aq Life Warm 1       Temperature °C         Recreation E       D.O. (mg/L)         pH       chlorophyll a (mg/m²)         Iodification(s):       D.O. (mg/L)         DM/MWAT) = current       12/1 - 2/29         te of 12/31/2020       Inorgani         Ammonia       Boron         Chloride       Chloride         Chlorine       Cyanide         Nitrate       Nitrate         Nitrite       Phosphorus         Sulfate       Sulfate         Sulfate       Sulfate         Agriculture       Aquife Warm 1         Agriculture       D.O. (mg/L)	Agriculture       DM         Aq Life Warm 1       Temperature °C       WS-I         Recreation E       D.O. (mg/L)          pH       6.5 - 9.0       chlorophyll a (mg/m²)          pH       0.5 - 9.0       chlorophyll a (mg/m²)          pH       0.5 - 9.0       chlorophyll a (mg/m²)          pH       0.5 - 9.0       chlorophyll a (mg/m²)          te of 12/31/2020       E. Coli (per 100 mL)          te of 12/31/2020       Gron          Virate       0.019       Cyanide       0.005         Nitrate       100       Nitrite          Phosphorus        Sulfate          Sulfide        Sulfide          Of the Cache La Poudre River from a poin immediately above the confluence with Boxelder       Classifications       Physical and Biological         Agriculture       Aq Life Warm 1       Temperature °C       WS-1         Recreation E       DM       Temperature °C       WS-1         D.O. (mg/L)         0.0	Agriculture       DM       MWAT         Aq Life Warm 1       Temperature °C       WS-I       WS-I         Recreation E       D.O. (mg/L)        5.0         pH       6.5 - 9.0          hodification(s):       pH       6.5 - 9.0          DM/MWAT) = current       12/1 - 2/29       E. Coli (per 100 mL)        126         Inorganic (mg/L)         te of 12/31/2020       Chloriphyll a (mg/m²)        126         Inorganic (mg/L)         Coli (per 100 mL)        126         Inorganic (mg/L)         te of 12/31/2020         Marmonia       TVS       TVS         Boron        0.75         Chlorine       0.019       0.011         Cyanide       0.005          Nitrate       100          Sulfate           Sulfate        Sulfate         OM         Agriculture       Agriculture         Aquiculture       DM       MWAT         Aquiculture       DM       MWAT         AqLi	Agriculture       DM       MWAT         Aq Life Warm 1       Temperature "C       WS-I       WS-I       Aluminum         Recreation E       D.O. (mg/L)        5.0       Arsenic         D.O. (mg/L)        5.0       Arsenic(T)       PH       6.5 - 9.0        Beryllium         todification(s):       DM/MWAT) = current       12/1 - 2/29       E. Coli (per 100 mL)        126       Chromium III         MMWAT       E. Coli (per 100 mL)        126       Chromium III         Mamonia       TVS       TVS       Copper         Boron        Lead       Chorine       Copper         Chloride        Lead       Chorine       O.011       Marganese         Cyanide       0.005        Molybdenum(T)       Nitrite        Silver         Nitrate       100        Silver       Silver       Silver       Silver         Sulfate         Silver       Silver       Silver       Silver         Sulfate        Silver       Silver       Silver       Silver       Silver         Sulfate	Agriculture       DM       MWAT       acute         Aqirculture       Temperature °C       WS-I       Muminum          Recreation E       acute       chronic       Arsenic       340         D.O. (mg/L)        5.0       Arsenic       340         boddification(s):       D.O. (mg/L)        5.0       Arsenic(T)          biorophylla (mg/m <sup>2</sup> )        Temperature (mg/L)       Beryllium        chronium III       TVS         biorophylla (mg/m <sup>2</sup> )        126       Chronium III       TVS       Chronium III       TVS         biorophylla (mg/m <sup>2</sup> )        126       Chronium III       TVS       Chronium III       TVS         biorophylla (mg/m <sup>2</sup> )        126       Chronium III       TVS       Chronium III       TVS         biorophylla (mg/m <sup>2</sup> )        126       Chronium III       TVS       Chronium III       TVS         col 12/31/2020       acute       chronic       Chronium III       TVS       Chronium III       TVS         col 12/31/2020       acute       chronic       0.019       0.011       Marganese       TVS         Chorine       0.019

, 1	for specific listings in Classifications	_ , /-	,	cal and Biologi	ical		Ν	letals (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)		0.02-10
Qualifiers:	1		pH		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )			150*	Cadmium	TVS	TVS
			E. Coli (per 100 mL)			126	Cadmium(T)	5.0	
	$(mg/m^2)(chronic) = 3$ sted at 38.5(4).	applies only above	. ,	norganic (mg/	L)		Chromium III		TVS
Phosphorus(	chronic) = applies or	nly above the			acute	chronic	Chromium III(T)	50	
acilities listed	at 38.5(4).		Ammonia		TVS	TVS	Chromium VI	TVS	TVS
			Boron			0.75	Copper	TVS	TVS
			Chloride			250	Iron		WS
			Chlorine		0.019	0.011	lron(T)		1000
			Cyanide		0.005		Lead	TVS	TVS
			Nitrate		10		Lead(T)	50	
			Nitrite			0.5	Manganese	TVS	TVS/WS
			Phosphorus			0.5	Mercury		0.01(t)
			Sulfate			WS	Molybdenum(T)		150
						0.002	Nickel	TVS	TVS
			Sulfide			0.002	Nickel(T)		100
							Selenium	TVS	TVS
							Silver	TVS	TVS
							Uranium		
13h Mainster	n of Boyelder Creek	from its source to t	the confluence with the C	ache La Poudr	re River		Zinc	TVS	TVS
	Classifications			cal and Biologi			I	letals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 2		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation N	9/16 - 5/14			acute	chronic	Arsenic	340	
	Recreation P	5/15 - 9/15	D.O. (mg/L)			5.0	Arsenic(T)		100
Qualifiers:			pH		6.5 - 9.0		Beryllium		
Other:			chlorophyll a (mg/m <sup>2</sup> )			150*	Cadmium	TVS	TVS
			E. Coli (per 100 mL)	9/16 - 5/14		630	Chromium III	TVS	TVS
	odification(s):		E. Coli (per 100 mL)	5/15 - 9/15		205	Chromium III(T)		100
Selenium(chr/	onic) = current condi	ition		3/13 - 3/13		200	Chromium VI	TVS	TVS
`	te of 12/31/2020								TVS
`	$(mg/m^2)(chronic) =$	applies only above	1	norganic (mg/	,		Copper	TVS	
Expiration Dat	atod at 29 E(4)				acute	chronic	Iron(T)		1000
Expiration Dat chlorophyll a he facilities lis	sted at 38.5(4). chronic) = applies or	nly above the	Ammonia		TVS	TVS	Lead	TVS	TVS
Expiration Dat chlorophyll a ne facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Ammonia			0.75	Manganese	TVS	TVS
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron				Management		
Expiration Dat chlorophyll a ne facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride				Mercury		0.01(t)
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine		 0.019	 0.011	Molybdenum(T)		150
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine Cyanide		 0.019 0.005		Molybdenum(T) Nickel	 TVS	150 TVS
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine Cyanide Nitrate		 0.019	 0.011 	Molybdenum(T) Nickel Selenium	TVS TVS	150 TVS TVS
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine Cyanide		 0.019 0.005	 0.011 	Molybdenum(T) Nickel Selenium Silver	 TVS	150 TVS
Expiration Dat chlorophyll a he facilities lis	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine Cyanide Nitrate		 0.019 0.005 100	 0.011 	Molybdenum(T) Nickel Selenium	TVS TVS	150 TVS TVS
Expiration Dat chlorophyll a he facilities lis Phosphorus(	sted at 38.5(4). chronic) = applies or	nly above the	Boron Chloride Chlorine Cyanide Nitrate Nitrite		 0.019 0.005 100 	 0.011  0.5	Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS	150 TVS TVS TVS

13c. Mainsterr	ns of South Branch of Boxelder (	orecit, North Branch of Boxelac	ereen, and e					
COSPCP13C	Classifications	Physic	al and Biologi	cal			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)		0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)			7.0	Beryllium		
Other:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )			150	Cadmium(T)	5.0	
		E. Coli (per 100 mL)			126	Chromium III		TVS
						Chromium III(T)	50	
		li	norganic (mg/l	L)		Chromium VI	TVS	TVS
				acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		WS
		Boron			0.75	lron(T)		1000
		Chloride			250	Lead	TVS	TVS
		Chlorine		0.019	0.011	Lead(T)	50	
		Cyanide		0.005		Manganese	TVS	TVS/WS
		Nitrate		10		Mercury		0.01(t)
		Nitrite			0.05	Molybdenum(T)		150
		Phosphorus			0.11	Nickel	TVS	TVS
		Sulfate			WS	Nickel(T)		100
		Sulfide			0.002	Selenium	TVS	TVS
						Silver	TVS	TVS(tr)
						Uranium		
						Uranium Zinc	 TVS	TVS
14. Horsetooth	n Reservoir.							
14. Horsetooth COSPCP14	n Reservoir. Classifications	Physic	al and Biologi	cal				
COSPCP14		Physic	al and Biologi	cal DM	MWAT		TVS	
COSPCP14 Designation	Classifications Agriculture Aq Life Cold 1	Physic Temperature °C	al and Biologi 1/1 - 3/31		CLL		TVS Metals (ug/L)	TVS
COSPCP14 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E			DM		Zinc	TVS Metals (ug/L) acute	TVS
COSPCP14 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C	1/1 - 3/31	DM CLL	CLL	Zinc Aluminum	TVS Metals (ug/L) acute 	TVS chronic 
COSPCP14 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C	1/1 - 3/31	DM CLL	CLL	Zinc Aluminum Arsenic	TVS Metals (ug/L) acute  340	TVS chronic 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C	1/1 - 3/31	DM CLL CLL	CLL 22.8 <sup>B</sup>	Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute  340 	TVS chronic  0.02
COSPCP14 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C	1/1 - 3/31	DM CLL CLL acute	CLL 22.8 <sup>B</sup> chronic 6.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L)  340 	TVS chronic  0.02 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L)	1/1 - 3/31	DM CLL CLL acute	CLL 22.8 <sup>B</sup> chronic 6.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute  340  TVS(tr)	TVS chronic  0.02 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	1/1 - 3/31	DM CLL CLL acute	CLL 22.8 <sup>B</sup> chronic 6.0 7.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute  340  TVS(tr) 5.0	TVS chronic  0.02  TVS 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	1/1 - 3/31	DM CLL CLL   6.5 - 9.0	CLL 22.8 <sup>B</sup> chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute  340  TVS(tr) 5.0 	TVS chronic  0.02  TVS 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	1/1 - 3/31	DM CLL CLL   6.5 - 9.0	CLL 22.8 <sup>B</sup> 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  TVS(tr) 5.0  50	TVS chronic  0.02  TVS  TVS 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31	DM CLL CLL acute  6.5 - 9.0 	CLL 22.8 <sup>B</sup> chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS  Metals (ug/L)  acute  340 TVS(tr) 5.0 50 50	TVS chronic  0.02  TVS  TVS  TVS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0 	CLL 22.8 <sup>B</sup> chronic 6.0 7.0 	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS           Metals (ug/L)           acute              340              TVS(tr)           5.0              50           TVS           TVS           S0           TVS	TVS chronic  0.02  TVS  TVS  TVS TVS TVS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  	CLL 22.8 <sup>B</sup> chronic 6.0 7.0  126	Zinc 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	TVS chronic  0.02  TVS  TVS  TVS TVS TVS WS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  	CLL 22.8 <sup>B</sup> chronic 6.0 7.0  126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS           Metals (ug/L)           acute              340              340              50           50           TVS           50           TVS           S0           TVS              50           TVS              50           TVS           TVS                 50           TVS	TVS chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0   L) acute TVS	CLL 22.8 <sup>B</sup> chronic 6.0 7.0  126  126  tVS	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            340            50         50         TVS         50         TVS         TVS            50         TVS	TVS chronic  0.02  TVS  TVS TVS TVS WS 1000
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0   L) acute TVS 	CLL 22.8 <sup>B</sup> chronic 6.0 7.0  126	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS           Metals (ug/L)           acute              340              340              TVS(tr)           5.0              TVS(tr)           5.0              TVS(tr)              50           TVS              TVS           TVS                 50	TVS chronic  0.02  TVS  TVS TVS TVS VS WS 1000 TVS 
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) 	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  ( CL) acute TVS  	CLL 22.8 <sup>B</sup> 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              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS	TVS  chronic  0.02  TVS  TVS  TVS  TVS  WS 1000 TVS  TVS %
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  6.5 - 9.0  TVS  TVS  0.019	CLL 22.8 <sup>B</sup> 6.0 7.0  126 Chronic TVS 0.75 250 0.011	Zinc Zinc 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	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0         TVS(tr)         5.0            50         TVS         TVS         50         TVS	TVS  chronic  0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  6.5 - 9.0  1.1 0.5 0.019 0.005	CLL 22.8 <sup>B</sup> chronic 6.0 7.0  126 126 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) Manganese Mercury Molybdenum(T)	TVS         Metals (ug/L)         acute            340            340            TVS(tr)         5.0            5.0         TVS(tr)         5.0         TVS         50         TVS         TVS         50         TVS         TVS <tr tr=""></tr>	TVS chronic 0.02 0.02 TVS TVS TVS TVS TVS TVS TVS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide Nitrate	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  6.5 - 9.0  CL 0.5 0.019 0.005 10	CLL 22.8 <sup>B</sup> 6.0 7.0  126 126 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) Manganese Mercury Molybdenum(T) Nickel	TVS           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS(tr)           5.0           TVS           50           TVS	TVS  chronic   0.02   TVS    TVS    TVS    TVS    TVS    TVS    TVS    TVS    TVS    TVS      TVS
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chloride Chlorine Cyanide Nitrate Nitrite	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  6.5 - 9.0  CUE TVS  0.019 0.005 10 	CLL 22.8 <sup>B</sup> 6.0 7.0  126 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Zinc Zinc Zinc Zinc Zinc Zinc Zinc	TVS           Metals (ug/L)           acute              340              340              TVS(tr)           5.0           TVS(tr)           5.0           TVS           TVS           50           TVS	TVS         chronic            0.02            TVS         0.01(t)         TVS         TVS         1000
COSPCP14 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) E. Coli (per 100 mL) Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	1/1 - 3/31 4/1 - 12/31	DM CLL CLL acute  6.5 - 9.0  6.5 - 9.0  1.7 0.01 0.005 10  10 	CLL 22.8 <sup>B</sup> 6.0 7.0  126 126 VS 0.75 250 0.011  0.05 	Zinc Zinc	TVS           Metals (ug/L)           acute              340              340              340              50           TVS(tr)           50           TVS           TVS           50           TVS           S0           TVS           TVS	TVS  chronic

15. Watson La							
COSPCP15	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
16. Reservoir Lake.	#4 (T 9 N, R 68 W), Water Supply Res	servoir #3 (T 8 N, R 68 W), Claymo	ore Lake, College	Lake, Dixon	Reservoir, Robert Benson	Lake, Black Hollow R	eservoir, Seeley
COSPCP16	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E						
Qualifiers:			acute	chronic	Arsenic	 340	
		D.O. (mg/L)	acute		Arsenic Arsenic(T)		
Other:		D.O. (mg/L) pH		chronic		340	
				chronic 5.0	Arsenic(T)	340	7.6
*chlorophyll a	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	рН	 6.5 - 9.0	<b>chronic</b> 5.0 	Arsenic(T) Beryllium	340  	 7.6 
*chlorophyll a the facilities line and reservoirs	sted at 38.5(4), applies only to lakes slarger than 25 acres surface area.	pH chlorophyll a (ug/L)	 6.5 - 9.0 	<b>chronic</b> 5.0  20*	Arsenic(T) Beryllium Cadmium	340   TVS	 7.6  TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus(	sted at 38.5(4), applies only to lakes	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 	<b>chronic</b> 5.0  20*	Arsenic(T) Beryllium Cadmium Chromium III	340   TVS TVS	 7.6  TVS TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0  (mg/L)	<b>chronic</b> 5.0  20* 126	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	340  TVS TVS 	 7.6  TVS TVS 100
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	 6.5 - 9.0  (mg/L) acute	chronic           5.0              20*           126           chronic	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	340  TVS TVS  TVS	 7.6  TVS TVS 100 TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	 6.5 - 9.0  (mg/L) TVS	chronic           5.0              20*           126           chronic           TVS	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	340  TVS TVS  TVS TVS	 7.6  TVS TVS 100 TVS TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	 6.5 - 9.0  (mg/L) acute TVS 	chronic           5.0              20*           126           chronic           TVS           0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	340  TVS TVS  TVS TVS TVS 	 7.6  TVS TVS 100 TVS TVS TVS 1000
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	 6.5 - 9.0  (mg/L) acute T∨S 	chronic           5.0              20*           126           chronic           TVS           0.75	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	340  TVS TVS  TVS TVS  TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	 6.5 - 9.0  (mg/L) acute TVS   0.019	chronic           5.0              20*           126           chronic           TVS           0.75              0.011	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 1000 TVS 1000 TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	 6.5 - 9.0  (mg/L) acute TVS  C. 0.019 0.005	chronic           5.0              20*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	340  TVS TVS  TVS TVS  TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(t)
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100	chronic           5.0              20*           126           chronic           TVS           0.75              0.011	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	340  TVS TVS  TVS TVS  TVS TVS TVS 	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  (mg/L) 7√S  0.019 0.005 100 	chronic           5.0              20*           126           chronic           TVS           0.75              0.011              0.5	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	340  TVS TVS  TVS TVS  TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 100	chronic         5.0            20*         126         chronic         TVS         0.75            0.011            0.011            0.5         0.083*	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340  TVS TVS  TVS TVS  TVS TVS  TVS TVS TVS	 7.6  TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
*chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed	sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the l at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	 6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 100 100  100	chronic           5.0              20*           126           chronic           TVS           0.75              0.011              0.5           0.083*	Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	340  TVS TVS  TVS TVS  TVS TVS  TVS TVS TVS TVS TVS	 7.6  TVS TVS 100 TVS TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS TVS TVS

	Classifications	Physical and	Biological		1	Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)			Cadmium(T)	5.0	
		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		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.05	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Suinde		0.002	Silver	TVS	TVS(tr)
					Uranium		100(0)
					Zinc	TVS	TVS
0600010	mess Areas to the Munroe Gravity Car	1			1		
	Classifications	Physical and	l Biological	MWAT	1	Metals (ug/L) acute	chronic
OSPCP18 Designation	Classifications Agriculture	Physical and	l Biological DM	MWAT		acute	chronic
esignation	Classifications	1	I Biological DM CL,CLL	CL,CLL	Aluminum	acute	
esignation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C	I Biological DM CL,CLL acute	CL,CLL chronic	Aluminum Arsenic	acute  340	
esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	l Biological DM CL,CLL acute 	CL,CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute  340 	  0.02
esignation eviewable tualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	l Biological DM CL,CLL acute 	CL,CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02 
	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	I Biological DM CL,CLL acute  6.5 - 9.0	CL,CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	  0.02  TVS
esignation eviewable qualifiers: hther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	I Biological DM CL,CLL acute  6.5 - 9.0 	CL,CLL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
esignation eviewable tualifiers: tther: chlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	I Biological DM CL,CLL acute  6.5 - 9.0	CL,CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS 
eviewable eviewable tualifiers: ther: chlorophyll a nd 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.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL,CLL acute  6.5 - 9.0  	CL,CLL chronic 6.0 7.0  8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
eviewable eviewable tualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	I Biological DM CL,CLL acute  6.5 - 9.0  tic (mg/L)	CL,CLL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
esignation eviewable uualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	I Biological DM CL,CLL acute  6.5 - 9.0  nic (mg/L) acute	CL,CLL chronic 6.0 7.0  8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02 TVS  TVS  TVS TVS
esignation eviewable ualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM CL,CLL acute  6.5 - 9.0  hic (mg/L) acute TVS	CL,CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS TVS TVS TVS S
esignation eviewable uualifiers: ther: chlorophyll a nd 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 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,CLL acute  6.5 - 9.0  nic (mg/L) TVS 	CL,CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000
esignation eviewable uualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological           DM           CL,CLL           acute              6.5 - 9.0                 nic (mg/L)           acute           TVS	CL,CLL 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	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
esignation eviewable ualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological           DM           CL,CLL           acute              6.5 - 9.0              6.5 - 9.0              for (mg/L)           acute           TVS              0.019	CL,CLL chronic 6.0 7.0 4 8* 126 0 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(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 50 TVS 50 50 TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS 
esignation eviewable ualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological           DM           CL,CLL           acute              6.5 - 9.0                 6.5 - 9.0                 6.5 - 9.0 <t< td=""><td>CL,CLL chronic 6.0 7.0 8* 126 126 0 5 0 7 VS 0.75 250 0.011</td><td>Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese</td><td>acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS</td><td> 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS</td></t<>	CL,CLL chronic 6.0 7.0 8* 126 126 0 5 0 7 VS 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(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
esignation eviewable uualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological           DM           CL,CLL           acute              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0                 0.5 - 9.0              0.0           TVS              0.019           0.005           10	CL,CLL chronic 6.0 7.0 8* 126 126 Chronic TVS 0.75 250 0.011 0.011	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Lead         Lead(T)         Manganese         Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 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(t)
esignation eviewable ualifiers: ther: thorophyll a dreservoirs 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological           DM           CL,CLL           acute              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              6.5 - 9.0              0.5 - 9.0              0.5 - 9.0              0.5 - 9.0              0.0              0.019           0.005           10	CL,CLL chronic 6.0 7.0  8* 126       	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Iron(T)         Lead(T)         Manganese         Mercury         Molybdenum(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02 TVS TVS TVS TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS SMS 0.01(t) 150
esignation eviewable ualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological         DM         CL,CLL         acute            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            0.5 - 9.0               0.5 - 9.0                        0.0019         0.005         10	CL,CLL chronic 6.0 7.0 4 * 126 * 126 * 126 * 126 * 126 * 126 * 126 * 126 * 126 * 126 * 126 * * * * * * * * * * * * *	AluminumArsenicArsenic(T)BerylliumCadmium(T)Chromium IIIChromium IIIChromium VICopperIronIron(T)Lead(T)ManganeseMercuryMolybdenum(T)Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS WS 1000 TVS
esignation eviewable ualifiers: ther: thorophyll a dreservoirs 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological         DM         CL,CLL         acute            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0                  not (mg/L)            0.019         0.005         10  0.005 <t< td=""><td>CL,CLL chronic 6.0 7.0 4 126 126 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)</td><td>acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS</td><td> 0.02  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000</td></t<>	CL,CLL chronic 6.0 7.0 4 126 126 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000
esignation eviewable ualifiers: ther: thorophyll a dreservoirs 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL,CLL acute  6.5 - 9.0  6.5 - 9.0  nic (mg/L) acute TVS  0.019 0.005 10 10	CL,CLL chronic 6.0 7.0 4 126 126 0 0 1 1 1 2 5 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	AluminumArsenicArsenic(T)BerylliumCadmium(T)Chromium IIIChromium IIIChromium VICopperIronIron(T)LeadLead(T)ManganeseMercuryMolybdenum(T)NickelNickel(T)Selenium	acute 340 340 TVS(tr) 5.0 50 TVS 50 TVS TVS 50 TVS 5	 0.02  TVS  TVS TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS 1000 TVS
esignation eviewable ualifiers: ther: chlorophyll a nd 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 Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological         DM         CL,CLL         acute            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0            6.5 - 9.0                  not (mg/L)            0.019         0.005         10  0.005 <t< td=""><td>CL,CLL chronic 6.0 7.0 4 126 126 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)</td><td>acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS</td><td> 0.02  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000</td></t<>	CL,CLL chronic 6.0 7.0 4 126 126 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Aluminum         Arsenic         Arsenic(T)         Beryllium         Cadmium(T)         Chromium III         Chromium III         Chromium VI         Copper         Iron         Lead(T)         Manganese         Mercury         Molybdenum(T)         Nickel         Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS TVS 50 TVS TVS 50 TVS	 0.02  TVS  TVS  TVS  TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS 1000

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

DM = daily maximum

MWAT = maximum weekly average temperature

t = total

tr = trout

D.O. = dissolved oxygen

	nd reservoirs tributary to the North Fo	T							
COSPCP19	Classifications	Physic	al and Biologic				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		
0	Water Supply	D.O. (mg/L)			6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)			7.0	Beryllium			
Other:		рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS	
*chlorophyll a	(ug/L)(chronic) = applies only above	chlorophyll a (ug/L)			8*	Cadmium(T)	5.0		
the facilities li	sted at 38.5(4), applies only to lakes	E. Coli (per 100 mL)			126	Chromium III		TVS	
	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	1	norganic (mg/L	_)		Chromium VI	TVS	TVS	
eservoirs larg	jer than 25 acres surface area.			acute	chronic	Copper	TVS	TVS	
		Ammonia		TVS	TVS	Iron		WS	
		Boron			0.75	lron(T)		1000	
		Chloride			250	Lead	TVS	TVS	
		Chlorine		0.019	0.011	Lead(T)	50		
		Cyanide		0.005		Manganese	TVS	TVS/WS	
		Nitrate		10		Mercury		0.01(t)	
		Nitrite			0.05	Molybdenum(T)		150	
		Phosphorus			0.025*	Nickel	TVS	TVS	
		Sulfate				Nickel(T)		100	
					WS			TVS	
		Sulfide			0.002	Selenium	TVS		
						Silver	TVS	TVS(tr)	
						Uranium			
						Zinc	TVS	TVS	
	nd reservoirs tributary to the North Fo des Halligan Reservoir and Seaman R		e River from the	inlet of Ha	lligan Reserv	voir to the confluence with t	the Cache La Poudre	River. This	
COSPCP20	Classifications		cal and Biologi	cal		Metals (ug/L)			
Designation	Agriculture			DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	1/1 - 3/31	CL,CLL	CL,CLL	Aluminum			
	Recreation E	Temperature °C	4/1 - 12/31						
			4/1 - 12/31	CLL*	22.5*	Arsenic	340		
	Water Supply	Temperature C	4/1-12/31	CLL*	22.5*	Arsenic Arsenic(T)	340	  0.02	
Qualifiers:	Water Supply		4/1 - 12/31	CLL*	22.5* chronic			  0.02 	
			4/1-12/31		chronic	Arsenic(T) Beryllium			
Water + Fish		D.O. (mg/L)		acute	chronic 6.0	Arsenic(T) Beryllium Cadmium	  TVS(tr)		
Water + Fish		D.O. (mg/L) D.O. (spawning)		acute 	<b>chronic</b> 6.0 7.0	Arsenic(T) Beryllium Cadmium Cadmium(T)	  TVS(tr) 5.0	 TVS 	
Water + Fish Other: *chlorophyll a	Standards (ug/L)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH	4/1-12/01	acute  6.5 - 9.0	<b>chronic</b> 6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) 5.0 	 TVS 	
Water + Fish Other: *chlorophyll a	Standards	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	4/11-12/01	acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 TVS(tr) 5.0  50	 TVS  TVS 	
Water + Fish Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(	Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes s larger than 25 acres surface area. chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH	4/11-12/01	acute  6.5 - 9.0	<b>chronic</b> 6.0 7.0 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	 TVS(tr) 5.0  50 TVS	 TVS  TVS 	
Water + Fish Other: Chlorophyll a the facilities list and reservoirs Phosphorus( facilities listed	Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0 	<b>chronic</b> 6.0 7.0  8*	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	 TVS(tr) 5.0  50 TVS TVS	 TVS  TVS  TVS	
Water + Fish Other: *chlorophyll a the facilities li Phosphorus( facilities listed reservoirs larg	Standards (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	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/L	acute  6.5 - 9.0  	chronic 6.0 7.0  8* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	 TVS(tr) 5.0  50 TVS TVS TVS	 TVS  TVS TVS TVS S	
Water + Fish Other: "chlorophyll a he facilities li and reservoirs "Phosphorus( acilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0   	chronic 6.0 7.0  8* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS  	 TVS  TVS TVS WS 1000	
Water + Fish Other: "chlorophyll a he facilities li and reservoirs "Phosphorus( acilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0  	chronic 6.0 7.0  8* 126	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS  TVS	 TVS  TVS TVS WS 1000	
Water + Fish Other: *chlorophyll a the facilities li Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0   	chronic 6.0 7.0  8* 126 chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 TVS(tr) 5.0  50 TVS TVS  TVS  TVS 50	 TVS TVS TVS TVS TVS 1000 TVS	
Water + Fish Other: *chlorophyll a the facilities li Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0    acute TVS	chronic           6.0           7.0              8*           126           chronic           Chronic	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 TVS(tr) 5.0  50 TVS TVS  TVS	 TVS TVS TVS TVS TVS 1000 TVS	
Water + Fish Other: *chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		acute  6.5 - 9.0   ) acute TVS	chronic           6.0           7.0              8*           126           chronic           TVS           0.75	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 TVS(tr) 5.0  50 TVS TVS  TVS  TVS 50	 TVS TVS TVS TVS WS 1000 TVS  TVS/WS	
Water + Fish Other: "chlorophyll a he facilities li and reservoirs "Phosphorus( acilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride		acute 6.5 - 9.0	chronic           6.0           7.0              8*           126           chronic           TVS           0.75           250	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	 TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01(t)	
Water + Fish Other: *chlorophyll a the facilities li Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine		acute 6.5 - 9.0	chronic           6.0           7.0           8*           126           Chronic           TVS           0.75           250           0.011	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS	TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 150	
the facilities list and reservoirs *Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Mmmonia Boron Chloride Chlorine Cyanide		acute  6.5 - 9.0    T∨S  0.019 0.005	<ul> <li>chronic</li> <li>6.0</li> <li>7.0</li> <li></li> <li>8*</li> <li>126</li> <li>126</li> <li>Chronic</li> <li>T∨S</li> <li>0.75</li> <li>250</li> <li>0.011</li> <li></li> </ul>	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS		
Water + Fish Other: *chlorophyll a the facilities li and reservoirs *Phosphorus( facilities listed reservoirs larg	Standards (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.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		acute  6.5 - 9.0   ) acute TVS  0.019 0.005 10	chronic 6.0 7.0 * 8* 126 Chronic TVS 0.75 250 0.011 	Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	 TVS(tr) 5.0  50 TVS TVS  TVS 50 TVS 50 TVS 50 TVS	TVS TVS TVS TVS TVS 1000 TVS 1000 TVS 0.01(t) 150 TVS	

All metals are dissolved unless otherwise noted.

T = total recoverable

- t = total
- tr = trout

D.O. = dissolved oxygen

DM = daily maximum

Sulfate

Sulfide

MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

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Silver

Zinc

Uranium

WS

0.002

TVS(tr)

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TVS

TVS

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TVS

COSPCP21	Classifications	9, 20 and 22. Physical and	Biological		n n	/letals (ug/L)	
Designation	Agriculture		DM	MWAT	n	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
	DUWS*	рН	6.5 - 9.0		Beryllium		0.02 10
Qualifiers:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Strict.			iic (mg/L)	120	Chromium III		TVS
	(ug/L)(chronic) = applies only above	inorgan	acute	chronic	Chromium III(T)	50	
	sted at 38.5(4), applies only to lakes area.	Ammonio	TVS	TVS	Chromium VI	TVS	TVS
Classification	: DUWS applies to North Poudre	Ammonia				TVS	TVS
Phosphorus(	chronic) = applies only above the	Boron		0.75	Copper		
	at 38.5(4), applies only to lakes and er than 25 acres surface area.	Chloride		250	Iron		WS
eservoirs larg		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Uranium Zinc	TVS	
22 Fossil Cre	ek Reservoir						
22. Fossil Cre COSPCP22	ek Reservoir. Classifications	Physical and	Biological		Zinc		
COSPCP22		Physical and	Biological	MWAT	Zinc	TVS	
	Classifications	Physical and		<b>MWAT</b> WL	Zinc	TVS /letals (ug/L)	TVS
COSPCP22 Designation	Classifications Agriculture		DM		Zinc	T∨S Metals (ug/L) acute	 TVS chronic
COSPCP22 Designation	Classifications Agriculture Aq Life Warm 2		DM WL	WL	Zinc	T∨S /letals (ug/L) acute 	TVS chronic
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C	DM WL	WL chronic	Zinc M Aluminum Arsenic	TVS Metals (ug/L) acute  340	 TVS chronic 
COSPCP22 Designation JP	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	DM WL acute	WL chronic 5.0	Zinc M Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute  340  	 TVS chronic  100 
COSPCP22 Designation JP Qualifiers:	Classifications 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	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS //etals (ug/L) acute  340  TVS	 TVS chronic  100  TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	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 Chromium III	TVS Metals (ug/L) acute  340  	 TVS chronic  100  TVS TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute  6.5 - 9.0   tic (mg/L)	WL chronic 5.0  126	Zinc N Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III	TVS Aetals (ug/L) acute  340  TVS TVS TVS 	 TVS chronic  100  TVS TVS 100
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0   tic (mg/L) acute	WL chronic 5.0  126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI	TVS Metals (ug/L) acute  340  TVS TVS TVS  TVS	 TVS chronic  100  TVS TVS 100 TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute  6.5 - 9.0   sic (mg/L) acute TVS	WL chronic 5.0  126 chronic TVS	Zinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III(T) Chromium VI Copper	TVS Aetals (ug/L) acute  340  TVS TVS TVS 	 TVS chronic  100  TVS TVS 100 TVS TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WL acute  6.5 - 9.0   hic (mg/L) acute TVS 	WL chronic 5.0 126 chronic T∨S 0.75	Zinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T)	TVS Aetals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 TVS chronic  100  TVS TVS 100 TVS TVS 1000
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WL acute  6.5 - 9.0  ic (mg/L) acute TVS  	WL chronic 5.0  126 chronic TVS 0.75 	Zinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead	TVS Aetals (ug/L) acute  340  TVS TVS TVS TVS TVS TVS TVS TVS	 TVS chronic  100  TVS 100 TVS 1000 TVS 1000 TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) 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  0.011	Zinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute  340  TVS TVS TVS TVS TVS  TVS TVS TVS TVS 	 TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	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  tic (mg/L) acute TVS  0.019 0.005	WL chronic 5.0  126 chronic TVS 0.75  0.011 	Zinc Zinc	TVS  Aetals (ug/L)  acute  340 TVS	 TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	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  ic (mg/L) acute TVS  0.019 0.005 100	₩L chronic 5.0 126 Chronic Chronic 0.75 0.75 0.011 0.011	Zinc Zinc Zinc Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	TVS  Aetals (ug/L)  acute  340 TVS	TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)   0.019 0.005 100 	WL chronic 5.0  126 Chronic TVS 0.75  0.011  0.5	Zinc Xinc Xinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS  Aetals (ug/L)  acute  340 340 TVS	 TVS chronic  100  TVS TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COSPCP22 Designation	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) 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 0.005 100	WL chronic 5.0  126 Chronic TVS 0.75 0.75 0.011  0.5 0.5	Zinc Xinc Xinc Xinc Xinc Xinc Xinc Xinc X	TVS Actals (ug/L) acute 340 TVS	TVS chronic  100  TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS
COSPCP22 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute  6.5 - 9.0  (.5 - 9.0)  (.5 - 9.0)  (.5 - 9.0)   (.5 - 9.0)   0.019 0.005 100 	WL chronic 5.0  126 Chronic TVS 0.75  0.011  0.5	Zinc Xinc Xinc Xinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS  Aetals (ug/L)  acute  340 340 TVS	TVS chronic  100  TVS 100 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS

1.7 di tributario	es to the Laramie River, inc	cluding all wetlands, which are within the Rawa	h Wilderness Are	a.			
COSPLA01	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WO	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
		the source to the National Forest boundary, an	nd all tributaries ar	nd wetlands,	from the source to the Co	lorado/Wyoming bord	er, except for
COSPLA02A	s in Segment 1.						
	Classifications	Physical and B	iological			Metals (ug/L)	
Designation		Physical and B	iological DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and B		MWAT CS-I	Aluminum		chronic
-	Agriculture		DM		Aluminum	acute	
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I chronic	Aluminum 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	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic	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 	CS-I chronic 6.0 7.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute  340  TVS(tr)	 0.02  TVS
Reviewable Qualifiers: Other: Temporary Mo	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> )	DM CS-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(tr) 5.0	 0.02  TVS 
Reviewable 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	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(tr) 5.0 	 0.02  TVS  TVS
Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) 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 Chromium III(T)	acute  340  TVS(tr) 5.0  50	 0.02  TVS  TVS
Reviewable 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/m <sup>2</sup> )	DM CS-I acute  6.5 - 9.0  (mg/L)	CS-I chronic 6.0 7.0  150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
Reviewable 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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic	DM CS-I acute  6.5 - 9.0  (mg/L) acute	CS-I chronic 6.0 7.0  150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS  TVS TVS
Reviewable 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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia	DM CS-I acute  6.5 - 9.0   (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(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS TVS WS
Reviewable 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/m <sup>2</sup> ) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) TVS 	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	 0.02  TVS  TVS  TVS TVS WS 1000
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride	DM CS-I acute  6.5 - 9.0  (mg/L) acute T∨S  	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 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine	DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  TVS  0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	 0.02  TVS  TVS TVS TVS WS 1000 TVS 
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide	DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) TVS  TVS  0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) 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	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM CS-I acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005 10 	CS-I chronic 6.0 7.0 150 126 VS 0.75 250 0.011  0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t)
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) 1VS  0.019 0.005 10  10 	CS-I chronic 6.0 7.0 150 126 <b>Chronic</b> TVS 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 Molybdenum(T) Nickel	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS  TVS 50 TVS  TVS  TVS 50 TVS  TVS  TVS  TVS        -	 0.02  TVS TVS TVS WS 1000 TVS WS 1000 TVS  TVS/WS 0.01(t) 150 TVS
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute   6.5 - 9.0  (mg/L) (mg/L) TVS  (mg/L) 0.019 0.005 10 10  10 	CS-I chronic 6.0 7.0 150 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T)	acute	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus	DM CS-I acute  6.5 - 9.0  (mg/L) (mg/L) 1VS  0.019 0.005 10  10 	CS-I chronic 6.0 7.0 150 126 <b>Chronic</b> TVS 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute   6.5 - 9.0  (mg/L) (mg/L) TVS  (mg/L) 0.019 0.005 10 10  10 	CS-I chronic 6.0 7.0 150 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute	 0.02  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 100 TVS 100 TVS
Reviewable 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)         E. Coli (per 100 mL)         Inorganic         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-I acute   6.5 - 9.0  (mg/L) (mg/L) TVS  (mg/L) 0.019 0.005 10 10  10 	CS-I chronic 6.0 7.0 150 126 Chronic CVS 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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

All metals are dissolved unless otherwise noted.

- T = total recoverable
- t = total tr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

		Forest boundary to the Colorado/	myonning border.				
COSPLA02B	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m <sup>2</sup> )			Cadmium(T)	5.0	
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium III		TVS
-	e of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	lron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Culluc		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
		iver within the Doweh Wilderness	A				
J. AII IAKES AND	d reservoirs tributary to the Laramie R	iver within the Rawan wilderness.	Area.				
3. All lakes and COSPLA03	Classifications	Physical and B				Metals (ug/L)	
COSPLA03				MWAT		Metals (ug/L) acute	chronic
COSPLA03	Classifications		iological	MWAT CL	Aluminum		chronic 
COSPLA03 Designation	Classifications Agriculture	Physical and B	iological DM		Aluminum Arsenic	acute	
COSPLA03 Designation OW	Classifications Agriculture Aq Life Cold 1	Physical and B	iological DM CL	CL	-	acute	
COSPLA03 Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B	iological DM CL acute	CL chronic	Arsenic	acute  340	
COSPLA03 Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L)	iological DM CL acute 	CL chronic 6.0	Arsenic Arsenic(T)	acute  340 	  0.02
COSPLA03 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	iological DM CL acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	acute  340 	  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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	iological DM CL acute  6.5 - 9.0	CL chronic 6.0 7.0 	Arsenic Arsenic(T) Beryllium	acute  340  TVS(tr)	  0.02  TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	iological DM CL acute  6.5 - 9.0 	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute  340  TVS(tr) 5.0	 0.02  TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	iological DM CL acute  6.5 - 9.0  	CL chronic 6.0 7.0  8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute  340  TVS(tr) 5.0 	 0.02  TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	iological 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(tr) 5.0  50	 0.02  TVS  TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	iological 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	acute  340  TVS(tr) 5.0  50 TVS	 0.02  TVS  TVS  TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	iological 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 Copper Iron	acute  340  TVS(tr) 5.0  50 TVS TVS	 0.02  TVS  TVS TVS TVS WS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	iological DM CL acute  6.5 - 9.0  (mg/L) (mg/L) 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	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS  TVS TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	iological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  	CL chronic 6.0 7.0  8* 126  chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS 	 0.02  TVS  TVS TVS TVS WS 1000
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	iological 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	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS	 0.02  TVS  TVS TVS TVS WS 1000 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B 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	iological DM CL acute  6.5 - 9.0  (mg/L) acute TVS  0.019 0.005	CL chronic 6.0 7.0  8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50	 0.02  TVS  TVS TVS WS 1000 TVS  TVS/WS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B 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	iological 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 Chronic TVS 0.75 250 0.011 	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS 
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B 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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) TVS  0.019 0.005 10 	CL chronic 6.0 7.0  8* 126  Chronic TVS 0.75 250 0.011  0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TV	 0.02  TVS  TVS TVS TVS WS 1000 TVS 1000 TVS  TVS/WS 0.01(t) 150
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B 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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0  8* 126  Chronic Chronic 0.011  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 Molybdenum(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS WS 1000 TVS S 0.01(t) 150 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B         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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) 10 0.019 0.005 10 10  10 	CL chronic 7.0  8* 126 ( Chronic Chronic 1VS 0.75 250 0.011  0.05 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	acute  340  TVS(tr) 5.0  50 TVS TVS TVS  TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVSWS 0.01(t) 150 TVS 1000
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B 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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) acute TVS  0.019 0.005 10  10	CL chronic 7.0  8* 126  Chronic Chronic 0.011  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 Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B         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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) 10 0.019 0.005 10 10  10 	CL chronic 7.0  8* 126 ( Chronic Chronic 1VS 0.75 250 0.011  0.05 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute  340  TVS(tr) 5.0  50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS 50 TVS	 0.02  TVS  TVS TVS WS 1000 TVS  TVSWS 0.01(t) 150 TVS 1000
COSPLA03 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	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 B         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	iological DM CL acute   6.5 - 9.0  (mg/L) (mg/L) 10 0.019 0.005 10 10  10 	CL chronic 7.0  8* 126 ( Chronic Chronic 1VS 0.75 250 0.011  0.05 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	 0.02  TVS  TVS  TVS WS 1000 TVS WS 1000 TVS 0.01(t) 150 TVS 1000 TVS

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

tr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

	d reservoirs tributary to the Laramie Ri			er, except for			
COSPLA04	Classifications	Physical and Bi	-			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	hlorophyll a (ug/L)(chronic) = applies only to lake ad reservoirs larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	d reservoirs larger than 25 acres surface area. hosphorus(chronic) = applies only to lakes and ervoirs larger than 25 acres surface area.				Chromium III(T)	50	
reservoirs larg	er man 25 acres sunace area.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

<ol> <li>Mainstem of</li> </ol>		Morgan County line to the C	UIUIAUU/INEDIASKA DUIU	er.			
COSPLS01	Classifications	Physical a	nd Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Water + Fish S	Standards	chlorophyll a (mg/m <sup>2</sup> )			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary Mo	odification(s):	Inorg	ganic (mg/L)		Chromium III		TVS
Arsenic(chronic	c) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Date	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Cumuo		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
2a. All tributario	es to the South Platte River, including	all wetlands. from the Weld/I	Morgan County line to the	he Colorado			
	Classifications	Physical a	nd Biological			letals (ug/L)	
COSPLS02A	Classifications Agriculture	Physical a		MWAT			chronic
COSPLS02A Designation		Physical a	nd Biological			letals (ug/L)	
COSPLS02A Designation UP	Agriculture		nd Biological DM	MWAT	N	letals (ug/L) acute	chronic
COSPLS02A Designation UP	Agriculture Aq Life Warm 2		nd Biological DM WS-II	<b>MWAT</b> WS-II	Aluminum	letals (ug/L) acute 	chronic 
COSPLS02A Designation UP	Agriculture Aq Life Warm 2 Recreation P	Temperature °C	nd Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	letals (ug/L) acute  340	chronic 
COSPLS02A Designation UP	Agriculture Aq Life Warm 2 Recreation P	Temperature °C D.O. (mg/L)	nd Biological DM WS-II acute 	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	<b>letals (ug/L)</b> acute  340 	<b>chronic</b>   0.02-10 <sup>A</sup>
COSPLS02A Designation UP Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation P Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> )	nd Biological DM WS-II acute  6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T)	letals (ug/L) acute  340 	<b>chronic</b>  0.02-10 <sup>A</sup> 
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a (	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	nd Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium	letals (ug/L) acute  340  	chronic  0.02-10 <sup>A</sup>  4.0
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	nd Biological DM WS-II acute  6.5 - 9.0 	MWAT WS-II chronic 5.0  150*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T)	Ietals (ug/L)           acute              340                          5.0	chronic  0.02-10 <sup>A</sup>  4.0 10
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lisi	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL)	nd Biological DM WS-II acute  6.5 - 9.0   ganic (mg/L)	MWAT WS-II chronic 5.0  150* 205	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T)	Acute              340                 5.0           50	chronic  0.02-10 <sup>A</sup>  4.0 10 100
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute	MWAT WS-II chronic 5.0  150* 205 chronic	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T)	Acute              340                 5.0           50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron	nd Biological DM WS-II acute  6.5 - 9.0   ganic (mg/L) acute 	MWAT WS-II chronic 5.0  150* 205 chronic  0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper	Ietals (ug/L)           acute              340              5.0           50           50	chronic  0.02-10 A  4.0 10 100 100 
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute 	MWAT WS-II chronic 5.0  150* 205 chronic	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T)	Acute            340                5.0         50           50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100  200
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute  	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250 	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T)	Ietals (ug/L)         acute            340            5.0         50         50         50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100  200 WS 100
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute    0.2	MWAT WS-II chronic 5.0  150* 205 chronic chronic 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese	Ietals (ug/L)         acute            340            5.0         50         50               50         50         50         50         50         50         50         50         50         50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100  200 WS
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury	Ietals (ug/L)         acute            340               5.0         50         50                  50         50               50            50            50            50            50            50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100  200 WS 100 WS
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute    0.2	MWAT WS-II chronic 5.0  150* 205 chronic chronic 0.75 250  250  1.0	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese	Ietals (ug/L)         acute            340            5.0         50         50         50         50         50         50         50            50            50            50            50            50            50            50            50            50            50            50            50            50            50            50            50               50	chronic  0.02-10 A  4.0 10 100 100 100  200 WS 100 WS
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10 	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T)	Ietals (ug/L)         acute            340            5.0         50         50         50         50         50         50 <tr tr=""> </tr>	chronic  0.02-10 A  4.0 10 100 100  200 WS 100 WS 100 WS 100 WS
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities lis *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10  	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Ietals (ug/L)         acute            340            5.0         50         50               50 </td <td>chronic  0.02-10 <sup>A</sup>  4.0 10 100 100 100 200 WS 100 WS 100 WS 100 WS</td>	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100 100 200 WS 100 WS 100 WS 100 WS
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10    	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17*	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	Ietals (ug/L)         acute            340            50         50         50         50               50         50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100 100 200 WS 100 WS 100 WS 100 150  150 
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10    	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T)	Itetals (ug/L)         acute            340            50         50         50         50         50         50         50 <tr tr=""> </tr>	chronic  0.02-10 A  4.0 10 100 100 100 200 WS 100 WS 100 WS 100 WS 100  150  150 
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10     	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T)	Itetals (ug/L)         acute            340            340            50         50         50         50	chronic  0.02-10 <sup>A</sup>  4.0 10 100 100 100 200 WS 100 WS 100 WS 100 WS 100 WS 100 20  20
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10     	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T) Silver Silver(T)	Itetals (ug/L)         acute            340            340            5.0         50         50         50	chronic  0.02-10 A  4.0 100 100 100 100 200 WS 100 WS 100 WS 100 WS 100 UVS 100 20  20  20
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10     	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T) Silver Silver(T) Uranium	Itetals (ug/L)         acute            340            340            5.0         50         50         50            50	chronic  0.02-10 A  4.0 10 100 100  200 WS 100 WS 100 WS  150  150  150  20 20
COSPLS02A Designation UP Qualifiers: Other: *chlorophyll a ( the facilities list *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation P Water Supply (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m <sup>2</sup> ) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nd Biological DM WS-II acute  6.5 - 9.0  ganic (mg/L) acute   0.2 10     	MWAT WS-II chronic 5.0  150* 205 chronic  0.75 250  250  1.0 0.17* WS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Chromium VI(T) Copper Copper(T) Iron Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Selenium(T) Silver Silver(T)	Itetals (ug/L)         acute            340            340            5.0         50         50         50	chronic  0.02-10 A  4.0 10 100 100 100  200 WS 100 WS 100 WS  150  150  150  20 20

All metals are dissolved unless otherwise noted.

- T = total recoverable
- t = total
- t = totaltr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 38.6 for details on TVS, TVS(tr), WS, temperature standards.

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 and below 4,200 feet in elevation 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.

Classifications	Physic	al and Biologi	cal		M	letals (ug/L)	
		<u>-</u>	DM	MWAT			chronic
	Temperature °C				Aluminum		
Recreation E							
	D.O. (mg/L)			5.0			100
			6.5 - 9.0		. ,		
				150*			TVS
$(mg/m^2)$ (chronic) = applies only above							TVS
sted at 38.5(4). chronic) = applies only above the		norganic (mg/					100
at 38.5(4).		norganio (ing/	-	chronic			TVS
	Ammonia						TVS
							1000
						TVS	TVS
							TVS
							0.01(t)
							150
							TVS
							TVS
	•						TVS
	Sunde			0.002			TVS
servoir. Prewitt Reservoir. North Sterlir	na Reservoir, Jumbo (Jul	esbura). Rivers	ide Reservo	oir. Empire R			100
Classifications	-	-		,			
Agriculture			DM	MWAT		acute	chronic
Aq Life Warm 1	Temperature °C		WL	WL	Aluminum		
Recreation E	Temperature °C	4/1 - 12/31	WL*	26.1*	Arsenic	340	
Water Supply	Temperature °C	4/1 - 12/31	WL*	27*	Arsenic(T)		0.02
	Temperature °C	4/1 - 12/31	WL*	28.1*	Beryllium		
					Cadmium	TVS	TVS
			acute	chronic	Cadmium(T)	5.0	
	D.O. (mg/L)			5.0	Chromium III		TVS
larger than 25 acres surface area.	pН		6.5 - 9.0		Chromium III(T)	50	
at 38.5(4), applies only above the	chlorophyll a (ug/L)			20*	Chromium VI	TVS	TVS
er than 25 acres surface area. $(4/1 - 12/31) = North Storling Ros$	E. Coli (per 100 mL)			126	Copper	TVS	TVS
, , ,	l	norganic (mg/	L)		Iron		WS
(4/1 - 12/31) = Jumbo Reservoir			acute	chronic	lron(T)		1000
(4/1 - 12/31) = Jackson Reservoir	Ammonia		TVS	TVS	Lead	TVS	TVS
	Boron			0.75	Lead(T)	50	
	Chloride			250	Manganese	TVS	TVS/WS
	Chlorine		0.019	0.011	Mercury		0.01(t)
	Cyanide		0.005		Molybdenum(T)		150
	-		10		Nickel	TVS	TVS
	Nitrate				1		
	Nitrate			0.5	Nickel(T)		100
				0.5 0.083*	Nickel(T) Selenium	 TVS	100 TVS
	Nitrite						
	Nitrite Phosphorus			0.083*	Selenium	TVS	TVS
	Nitrite Phosphorus Sulfate			0.083* WS	Selenium Silver	TVS TVS	TVS TVS
	Agriculture Aq Life Warm 2 Recreation E (mg/m <sup>2</sup> )(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the at 38.5(4). servoir, Prewitt Reservoir, North Sterlin <b>Classifications</b> Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes larger than 25 acres surface area. (4/1 - 12/31) = North Sterling Res. 4/1 - 12/31) = Jumbo Reservoir 4/1 - 12/31) = Jackson Reservoir	Agriculture       A         Aq Life Warm 2       Temperature °C         Recreation E       D.O. (mg/L)         pH       chlorophyll a (mg/m²)         E. Coli (per 100 mL)       E. Coli (per 100 mL)         thronic) = applies only above the at 38.5(4).       Ammonia         Boron       Chloride         Chloride       Chlorine         Cyanide       Nitrate         Nitrate       Nitrate         Nitrate       Sulfate         Sulfide       Sulfate         Sulfide       Temperature °C         Aq Life Warm 1       Temperature °C         Recreation E       Temperature °C         Water Supply       Temperature °C         Temperature °C       Temperature °C         Temperature °C       Temperature °C         Iarger than 25 acres surface area.       D.O. (mg/L)         µH       chlorophyll a (ug/L)         µH       chloromL)         µH	Agriculture         Aq Life Warm 2         Recreation E         D.O. (mg/L)         pH         chlorophyll a (mg/m²)         E. Coli (per 100 mL)         shronic) = applies only above the at 38.5(4).         at 38.5(4).         phronic) = applies only above the at 38.5(4).         at 38.5(4).         phronic) = applies only above the at 38.5(4).         at 38.5(4).         phronic) = applies only above the at 38.5(4).         at 38.5(4).         phronic) = applies only above the at 38.5(4).         at 40 Life Warm 1         Recreation E         Qu(L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. 4/1 - 12/31) = North Sterling Res.         (ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. 4/1 - 12/31) = Jumbo Reservoir         4/1 - 12/31) = Jackson Reservoir         4/1 - 12/31) = Jackson Reservoir         4/1 - 12/31) = Jackson Reservoir	Agriculture       DM         Aqt Life Warm 2       Temperature *C       WS-II         Recreation E       D.O. (mg/L)          (mg/m²)(chronic) = applies only above the at 38.5(4).       D.O. (mg/L)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        E. Coli (per 100 mL)          E. Coli (per 100 mL)        Chloride          Chloride        Chloride          Chloride        Sulfate          Sulfate        Sulfate          Sulfate        Sulfate          Agriculture       DM       Temperature *C       4/1 - 12/31       WL*         Water Supply       Temperature *C       4/1 - 12/31       WL*          Ug/L)(chronic) = applies only above	Agriculture         DM         MWAT           Agriculture         acute         chronic           Recreation E         D.0. (mg/L)          5.0           (mg/m <sup>2</sup> )(chronic) = applies only above the at 38.5(4).         D.0. (mg/L)          150°           E coli (per 100 mL)          126          chlorophyll a (mg/m <sup>2</sup> )          126           Imorganic (mg/L)          126          chlorophyll a (mg/m <sup>2</sup> )          126           Ammonia         TVS         TVS         TVS         Boron          0.75           Chlorine         0.019         0.011         Cyanide         0.005             Nitrite          0.05          Nitrite          0.02           Servoir, Prewitt Reservoir, North Sterling Reservoir, Jumbo (Julesburg), Riverside Reservoir, Empire R         Classifications         Physical and Biological           Agriculture         A	Agriculture         DM         MWAT           Aq Life Warm 2         Temperature *C         WS-II         Auminum           Recreation E         0.0. (mg/L)	Agriculture Ag Life Warm 2 Ag Life Warm 2 Recreation E         DM         MWAT         Auminum         acute           Ag Life Warm 2 Recreation E         Temperature "C         WS-III         WS-III         Aluminum            Recreation E         D.0. (mg/L)          5.0         Arsenic(T)            mg/m (tchronic) = applies only above the at 38.5(4).         PI         6.5 - 9.0          Beryllium

tr = trout

COSPLS04	Classifications	Physical and I	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Beryllium(T)		4.0
	/ ////	E. Coli (per 100 mL)		205	Cadmium(T)	5.0	10
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Inorgani	c (mg/L)		Chromium III(T)	50	100
	s larger than 25 acres surface area. chronic) = applies only above the		acute	chronic	Chromium VI(T)	50	100
facilities listed	at 38.5(4), applies only to lakes and	Ammonia			Copper		
reservoirs larg	ger than 25 acres surface area.	Boron		0.75	Copper(T)		200
		Chloride		250	Iron		WS
		Chlorine			Iron(T)		1000
		Cyanide	0.2		Lead(T)	50	100
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.083*	Molybdenum(T)		150
		Sulfate		WS	Nickel		
		Sulfide		0.002	Nickel(T)		100
					Selenium		
					Selenium(T)		20
					Silver		
					Silver(T)	100	
					Uranium		
					Zinc		
					Zinc(T)		2000

5. All lakes and reservoirs tributary to the South Platte River 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 and below 4,200 feet in elevation 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 those specific listings in Segment 3.

Segment 3.							
COSPLS05	Classifications	Physical and Biolog	•		Met	tals (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 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Inorganic (mg	ı/L)		Chromium III		TVS
	a larger than 25 acres surface area. chronic) = applies only above the		acute	chronic	Chromium III(T)	50	
facilities listed	at 38.5(4), applies only to lakes and	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
reservoirs larg	er than 25 acres surface area.	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		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

1. Mainstem c	of the South Fork of the Republ	lican River from a point 23 miles above th	e Colorado-Kansa	s border (39.	582154°, -102.350838°) to	the Colorado-Kansas	s border.
COSPRE01	Classifications	Physical and	Biological		ľ	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 <sup>2</sup> )			Cadmium	TVS	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Dat	te of 12/31/2021		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	lron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	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
2. Deleted.							
COSPRE02	Classifications	Physical and	Biological		l I	Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:					4		
		Inorgan	c (mg/L)				
			acute	chronic			

3. Mainstein Of	the North Fork of the Republican Rive	r from the source to the Colorad	o/Nebraska border	and the ma			
COSPRE03	Classifications	Physical and E	Biological		Γ	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
I	Recreation E		acute	chronic	Arsenic	340	
N	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	dification(s):	chlorophyll a (mg/m <sup>2</sup> )		150*	Cadmium(T)	5.0	
Arsenic(chronic		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	of 12/31/2021				Chromium III(T)	50	
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only abov the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 38.5(4).		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
4. Mainstem of	the Arikaree River from the confluenc	e of the North and South Forks to	o the Colorado/Kar	sas border.			
COSPRE04	Classifications	Physical and E	Biological		Π	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgani	c (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	lron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		150
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

5. Mainstem o	of Black Wolf Creek from the sour	ce to the confluence with the Arikaree	River.				
COSPRE05	Classifications	Physical and I	Biological		ſ	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 <sup>2</sup> )		150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		Inorgani	Inorganic (mg/L)				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		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

COSPRE06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m <sup>2</sup> )		150*	Beryllium(T)		100
chlorophyll a ne facilities lis	$(mg/m^2)(chronic) = applies only above sted at 38.5(4).$	E. Coli (per 100 mL)		205	Cadmium		
Phosphorus( acilities listed	chronic) = applies only above the	Inorganic (m	g/L)		Cadmium(T)		10
aciinties iisteu	at 30.3(4).		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		10	Lead		
		Phosphorus		0.17*	Lead(T)		100
		Sulfate			Manganese		
		Sulfide			Mercury		
					Molybdenum(T)		150
					Nickel		
					Nickel(T)		200
					Selenium		
					Selenium(T)		20
					Silver		
					Uranium		
					Zinc		
					Zinc(T)		2000

	of the North Fork of the Smoky Hill Riv			II tributaries			ansas border.
COSPRE07	Classifications	Physical and I	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
*Dh h (		chlorophyll a (mg/m <sup>2</sup> )			Beryllium(T)		100
facilities listed	chronic) = applies only above the at 38.5(4).	E. Coli (per 100 mL)		630	Cadmium		
		Inorgani	c (mg/L)		Cadmium(T)		10
			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		10	Lead		
		Phosphorus		0.17*	Lead(T)		100
		Sulfate			Manganese		
		Sulfide			Mercury		
					Molybdenum(T)		150
					Nickel		
					Nickel(T)		200
					Selenium		
					Selenium(T)		20
					Silver		
					Uranium		
					Zinc		
					Zinc(T)		2000

COSPRE08	Classifications	Physical and	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum			
	Recreation U		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 <sup>A</sup>	
Qualifiers:		pH	6.5 - 9.0		Beryllium			
Other:		chlorophyll a (mg/m <sup>2</sup> )			Beryllium(T)		4.0	
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	10	
		Inorgan	ic (mg/L)		Chromium III(T)	50	100	
			acute	chronic	Chromium VI(T)	50	100	
		Ammonia			Copper			
		Boron		0.75	Copper(T)		200	
		Chloride		250	Iron		WS	
		Chlorine			Iron(T)		1000	
		Cyanide	0.2		Lead(T)	50	100	
		Nitrate	10		Manganese	TVS	TVS/WS	
		Nitrite		0.5	Mercury		0.01(t)	
		Phosphorus			Molybdenum(T)		150	
		Sulfate		WS	Nickel			
		Sulfide		0.002	Nickel(T)		100	
					Selenium			
					Selenium(T)		20	
					Silver			
					Silver(T)	100		
					Uranium			
					Zinc			
					Zinc(T)		2000	

9. Bonny Rese	ervoir, Stalker Lake.						
COSPRE09	Classifications	Physical and Biolog	ical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
* · · · · · ·		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (mg/	L)		Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.		acute	chronic	Chromium III(T)	50	
reservoirs larg		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		0.05	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

#### 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 based site-specific standards:								
	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	12						
Plutonium	.03	.03	0.15** ***	0.15** ***				
Americium	.03	.03	0.15** ***	0.15** ***				
Tritium	500	500	500	500				
Uranium	3	4	16.8 μg/l	16.8 μg/l				
B. Other site-specif	B. Other site-specific standard applicable to segments 2,3,4a, 4b, and 5.							
Curium	60	60	60	60				
Neptunium	30	30	30	30				

\*Statewide standards also apply for radionuclides not listed above.

\*\*0.15pCi/I 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.