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 06/30/2019

10a. Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of National Forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of National Forest lands to their confluence. COSPUS10A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT acute chronic Ag Life Warm 1 Reviewable Temperature °C WS-I WS-I Aluminum Recreation E acute chronic 340 Arsenic ---Water Supply D.O. (mg/L) 5.0 Arsenic(T) 0.02 Qualifiers: рΗ 6.5 - 9.0 Beryllium chlorophyll a (mg/m2) 150* Cadmium TVS TVS Other: E. Coli (per 100 mL) 126 Cadmium(T) 5.0 Temporary Modification(s): Chromium III TVS Inorganic (mg/L) Arsenic(chronic) = hybrid Chromium III(T) Expiration Date of 12/31/2021 chronic 50 --acute temperature(DM/MWAT) = current 12/1 - 2/29 Chromium VI TVS TVS Ammonia TVS TVS condition* TVS Copper TVS Boron 0.75 Expiration Date of 12/31/2020 WS Iron Chloride 250 chlorophyll a (mg/m2)(chronic) = applies only above Chlorine 0.019 Iron(T) 1000 0.011 the facilities listed at 38.5(4). 'Phosphorus(chronic) = applies only above the TVS Cyanide Lead TVS 0.005 acilities listed at 38.5(4). TempMod: temperature(12/1 - 2/29) = East Plum Lead(T) 50 Nitrate 10 Creek and Plum Creek below the PCWRA 0.5 Manganese TVS TVS/WS Nitrite discharge. 0.01(t)Phosphorus 0.17* Mercury ---Molybdenum(T) 150 Sulfate WS Nickel TVS TVS Sulfide 0.002 100 Nickel(T) TVS Selenium **TVS** Silver TVS TVS Uranium TVS Zinc **TVS**

tr = trout

13. Mainstem	of Deer Creek, including the North and	South Forks, from the source to 0	Chattield Reservo	ir.			
COSPUS13	Classifications	Physical and B				Metals (ug/L)	
Designation	Agriculture	·	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	Indification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	
Arsenic(chroni	• •	E. Coli (per 100 mL)		126	Chromium III		TVS
•	te of 12/31/2021				Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
		3	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		0.11 WS	Nickel(T)		100
		Sulfide	 	0.002	Selenium	TVS	TVS
		Suilide		0.002	Silver	TVS	TVS(tr)
					Uranium		1 0 (11)
					Zinc	TVS	TVS
14 Mainstem	of the South Platte River from the outle	Let of Chatfield Reservoir to the Bu	lington Ditch dive	rsion in Den		170	170
COSPUS14	Classifications	Physical and B		101011111111111111111	T Colorado.		
			lological			Metals (ug/L)	
Designation	Agriculture	i iiyoloai alia 2	DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable		·	DM		Aluminum		chronic
	Agriculture	Temperature °C		MWAT WS-I* chronic	Aluminum Arsenic	acute	
	Agriculture Aq Life Warm 1	Temperature °C	DM WS-I*	WS-I*	Arsenic	acute	
	Agriculture Aq Life Warm 1 Recreation E	·	DM WS-I* acute	WS-I*	Arsenic Arsenic(T)	acute	
Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L)	DM WS-I* acute	WS-I* chronic 5.0	Arsenic	acute 340 	 0.02
Reviewable Qualifiers: Other:	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I* acute 6.5 - 9.0	WS-I* chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	 0.02
Reviewable Qualifiers: Other: Temporary M.	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I* acute 6.5 - 9.0	WS-I* chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 	 0.02 TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chronic)	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I* acute 6.5 - 9.0	WS-I* chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS 5.0	 0.02
Qualifiers: Other: Temporary M. Arsenic(chroni	Agriculture Aq Life Warm 1 Recreation E Water Supply flodification(s): aic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM 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)	acute 340 TVS 5.0 50	0.02 TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat Chloride(chror temperature(D	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-I* acute 6.5 - 9.0 (mg/L)	WS-I* chronic 5.0 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0	0.02 TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-I* acute 6.5 - 9.0 (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	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid te of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WS-I* acute 6.5 - 9.0 (mg/L) acute TVS	WS-I* chronic 5.0 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Copper	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute	Agriculture Aq Life Warm 1 Recreation E Water Supply flodification(s): hic) = 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	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WS-I* acute 6.5 - 9.0 (mg/L) acute 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 VI Copper Copper	acute 340 TVS 5.0 50 TVS TVS*	0.02 TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WS-I* acute 6.5 - 9.0 (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 VI Copper Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS*	0.02 TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM 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	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS*	0.02 TVS TVS TVS WS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ch)=2 downstream o	Agriculture Aq Life Warm 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 hic) = current condition DM/MWAT) = current 12/1 - 2/13 te of 12/31/2020 e) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch hic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM 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 VI Copper Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS* TVS* 50	0.02 TVS TVS * ** ** ** ** ** ** ** ** ** ** **
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ch)=2 downstream o *Copper(chror	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): hic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM 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 VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS* TVS* 50 TVS 50 TVS	0.02 TVS TVS * WS 1000 TVS TVS/190
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ch)=2 downstream o *Copper(chror Cu FMB(ac)=3 downstream o	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS 5.0 50 TVS TVS* TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS/190 0.01(t)
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ch)=2 downstream o *Copper(chror Cu FMB(ac)=3 downstream o	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM 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 VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS* TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS** WS 1000 TVS TVS/190 0.01(t) 150
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Temperature	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS* TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS** WS 1000 TVS TVS/190 0.01(t) 150 TVS
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Temperature	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper 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 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS* WS 1000 TVS TVS/190 0.01(t) 150 TVS 100
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Temperature	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper 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 TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS* WS 1000 TVS TVS/190 0.01(t) 150 TVS 100 TVS
Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Temperature	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper 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 TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS* WS 1000 TVS TVS/190 0.01(t) 150 TVS 100 TVS 100 TVS 100 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat Chloride(chror temperature(D condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Copper(chror Cu FMB(ac)=3 downstream o *Temperature	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = 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 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch. nic) = Copper BLM-based FMB 31.5 ug/l of Marcy Gulch.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-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 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper 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 TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS* WS 1000 TVS TVS/190 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.

13. Mairistern	of the South Platte River from the Bur	ington Ditch diversion in Denver	Colorado to a poi	nt immodiato	ly bolow the confluence	with Rig Dry Crook	
COSPUS15	Classifications	Physical and B	·	in iiiiiieuiale	below the confidence	Metals (ug/L)	
	Agriculture	1 Hyolour und B	DM	MWAT		acute	chronic
UP	Ag Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E	Tomporataro o	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	varies*	varies*	Arsenic(T)		0.02-10 ^A
Qualifiers:		pH	6.0-9.0*	*	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	adification(a):	chlorophyll a (mg/m²)			Cadmium(T)	5.0	
' '	odification(s). nic) = current condition	E. Coli (per 100 mL)		126	Chromium III		TVS
,	c) = current condition	,			Chromium III(T)	50	
temperature(D	DM/MWAT) = current	Inorganic	(ma/L)		Chromium VI	TVS	TVS
condition	o of 12/21/2020		acute	chronic	Copper		TVS*
•	re of 12/31/2020	Ammonia	TVS*	TVS*	Copper	TVS*	*
	pecific Variance(s):	Boron		0.75	Iron		WS
,	te) = TVS: no limit	Chloride		250	Iron(T)		1000
,	onic) = TVS: 24 μg/L e of 12/31/2023	Chlorine	0.019	0.011	Lead	TVS	TVS
·		Cyanide	0.005		Lead(T)	50	
specific standa	ute) = See attached table for site- ards.	Nitrate	10		Manganese	TVS	TVS/400
*Ammonia(chr specific standa	ronic) = See attached table for site-	Nitrite		1.0	Mercury		0.01(t)
*Copper(acute	e) = Copper BLM-based FMB	Phosphorus			Molybdenum(T)		150
Cu FMB(ac)=3	35.1 ug/l of the Metro Hite WWTF outfall.	Sulfate		WS	Nickel	TVS	TVS
*Copper(chron	nic) = Copper BLM-based FMB	Sulfide		0.002	Nickel(T)		100
Cu FMB(ch)=: Downstream of	23.5 ug/l of the Metro Hite WWTF outfall.	Guillae		0.002	Selenium	TVS	TVS
	nic) = Copper BLM-based FMB				Silver	TVS	TVS
Cu FMB(ac)=3 Downstream of	of the Metro Hite WWTF outfall.				Uranium		
*D.O. (mg/L)(a specific standa	acute) = See attached table for site-				Zinc	TVS	TVS
specific standa *pH(acute) = 6 miles	ards. 6.0 - 9.0 from 64th Ave. downstream 2						
2 miles	e 6.0 - 9.0 from 64th Ave. downstream enium = see 38.6(6) for details.						
2 miles *Variance: Sel		f Murphy and Coal Creek in Arapa	hoe County to the	e confluence	with the Toll Gate Creek	ς.	
2 miles *Variance: Sel 16a. Mainster	lenium = see 38.6(6) for details.	f Murphy and Coal Creek in Arapa Physical and B		e confluence	with the Toll Gate Creek	K. Metals (ug/L)	
2 miles *Variance: Sel 16a. Mainster	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture	1 '		e confluence MWAT	with the Toll Gate Creek		chronic
2 miles *Variance: Sel 16a. Mainstem COSPUS16A	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	1 '	iological		with the Toll Gate Creek	Metals (ug/L)	chronic
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture	Physical and B	iological DM	MWAT		Metals (ug/L) acute	
2 miles *Variance: Sel 16a. Mainsten COSPUS16A Designation	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B	iological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute	
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH	iological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	iological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH	iological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	 100
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	iological 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	 100 TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	iological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	 100 TVS TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	iological DM WS-II acute 6.5 - 9.0 (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	 100 TVS TVS 100
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	 100 TVS TVS 100 TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	Metals (ug/L) acute 340 TVS	TVS TVS 100 TVS TVS 100 TVS TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	Metals (ug/L) acute 340 TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Metals (ug/L) acute 340 TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS TVS 0.01(t) 150 TVS
2 miles *Variance: Sel 16a. Mainster COSPUS16A Designation Reviewable Qualifiers:	lenium = see 38.6(6) for details. n of Sand Creek from the confluence of Classifications Agriculture Aq Life Warm 2	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	iological DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	Metals (ug/L) acute 340 TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 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.

	Tributary from the source to the Denve	er Hudson Canal.			1		
COSPUS16F	Classifications	Physical and E	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)	r	narrative*	Arsenic(T)		100
Other:		pН	6.5 - 9.0		Beryllium		
	(chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
Phosphorus(cacilities listed	chronic) = applies only above the	Inorganio	c (mg/L)		Chromium III(T)		100
D.O. (mg/L)(d	chronic) = When water is present, D.O.		acute	chronic	Chromium VI	TVS	TVS
concentrations protect classifi	s shall be maintained at levels that	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
16g. Marcy Gu	ulch. including all wetlands from the so	urce to the confluence with the So	outh Platte.		Zinc	TVS	TVS
	ulch, including all wetlands from the sou	urce to the confluence with the So				TVS letals (ug/L)	TVS
COSPUS16G				MWAT			TVS
COSPUS16G Designation	Classifications		Biological	MWAT WS-II		etals (ug/L)	
COSPUS16G Designation	Classifications Agriculture	Physical and E	Biological DM		M	etals (ug/L) acute	chronic
COSPUS16G Designation JP	Classifications Agriculture Aq Life Warm 2	Physical and E	Biological DM WS-II	WS-II	M	etals (ug/L) acute 	chronic
COSPUS16G Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and E	Biological DM WS-II acute	WS-II chronic	Aluminum Arsenic	etals (ug/L) acute 340	chronic
COSPUS16G Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L)	Biological DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	etals (ug/L) acute 340	chronic 100
COSPUS16G Designation UP Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and 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	etals (ug/L) acute 340	chronic 100
COSPUS16G Designation UP Qualifiers: Other: Femporary M emperature(Coondition*	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current 12/1 - 2/29	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	chronic 100 TVS
COSPUS16G Designation UP Qualifiers: Other: Femporary M emperature(Coondition*	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	etals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS
COSPUS16G Designation JP Qualifiers: Other: Femporary M emperature(D condition* Expiration Date Copper(acute	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current e of 12/31/2020 e) = Copper BLM-based FMB	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 c (mg/L)	WS-II chronic 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	etals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
COSPUS16G Designation UP Qualifiers: Other: Temporary M temperature(D condition* Expiration Date COSPUS16G CU FMB(ac)=6	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current e of 12/31/2020 e) = Copper BLM-based FMB	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio	Biological 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 Chromium III Chromium VI	acute 340 TVS TVS TVS	Chronic 100 TVS TVS 100 TVS
COSPUS16G Designation JP Qualifiers: Other: Temporary M emperature(D condition* Expiration Dat Copper(acute cut FMB(ac)=6 below the Cer Copper(chror	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): bM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. hic) = Copper BLM-based FMB	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	Biological 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 Chromium III Chromium III(T) Chromium VI Copper	etals (ug/L) acute 340 TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS*
COSPUS16G Designation JP Qualifiers: Other: Temporary M emperature(Disondition* Expiration Dat Copper(acute Cu FMB(ac)=6 below the Cer Copper(chror Cu FMB(ch)=4 below the Cer below the Cer	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. hic) = Copper BLM-based FMB 13.3 ug/l itennial WWTF.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	Biological 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 Chromium III Chromium III(T) Chromium VI Copper Copper	retals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS**
COSPUS16G Designation JP Qualifiers: Description Comperature(Description) Expiration Dat Copper(acute Cu FMB(ac)=6 Delow the Cer Copper(chror Cu FMB(ch)=4 Delow the Cer Copper(chror Cu FMB(ch)=6 Delow the Cer Copper(chror	Classifications Agriculture Aq Life Warm 2 Recreation E Odification(s): DM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 37.1 ug/l itennial WWTF. itenial WWTF. itenial WWTF. itenial WWTF. itenial WWTF. itenial WWTF.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T)	retals (ug/L) acute 340 TVS TVS TVS TVS TVS	Chronic
COSPUS16G Designation JP Qualifiers: Other: Temporary M emperature(D condition* Expiration Dat Copper(acute Copper(chror Cu FMB(ch)=4 Delow the Cer	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): oM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 67.1 ug/l ttennial WWTF. hic) = Copper BLM-based FMB 13.3 ug/l ttennial WWTF. hic) = Copper BLM-based FMB 157.1 ug/l ttennial WWTF. hic) = Copper BLM-based FMB 157.1 ug/l ttennial WWTF.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	## Siological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead	etals (ug/L)	Chronic 100 TVS TVS 100 TVS TVS** 1000 TVS
COSPUS16G Designation JP Qualifiers: Dther: Temporary M emperature(Example of the condition* Expiration Dat Cu FMB(ac)=6 Delow the Cer Copper(chror Cu FMB(ch)=4 Delow the Cer Copper(chror Cu FMB(ac)=6 Delow the Cer Selenium(acu	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): DM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB itennial WWTF. itic) = Copper BLM-based FMB itennial WWTF. itennial WWTF. iten = See section 38.6(4)(b) for	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	ws-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS** 1000 TVS TVS
COSPUS16G Designation JP Qualifiers: Description Comperature(Description) Copper(acute Cu FMB(ac)=6 Delow the Cer Copper(chror Cu FMB(ac)=6 Delow the Cer Copper(chror Cu FMB(ac)=6 Delow the Cer Selenium(acute Selenium(chror Selenium(chror Selenium(chror)	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 3.3 ug/l itennial WWTF. itic) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. itic) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. itic) = See section 38.6(4)(b) for ocations. onic) = See section 38.6(4)(b) for	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic 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	WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese	retals (ug/L) acute 340 TVS TVS TVS TVS TVS* TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS** 1000 TVS TVS 0.01(t)
COSPUS16G Designation JP Qualifiers: Dther: Temporary M emperature(Decondition* Expiration Date COUFMB(ac)=6 Delow the Cer Copper(chror CUFMB(ch)=2 Delow the Cer Copper(chror CUFMB(ac)=6 Delow the Cer COPPER(chror	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): 0M/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 3.3 ug/l itennial WWTF. itic) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. itic) = Copper BLM-based FMB 67.1 ug/l itennial WWTF. itic) = See section 38.6(4)(b) for ocations. onic) = See section 38.6(4)(b) for	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	WS-II chronic 5.0 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS** 1000 TVS TVS TVS TVS TVS TVS
COSPUS16G Designation UP Qualifiers: Other: Temporary M temperature(D condition* Expiration Dat "Copper(acute Cu FMB(ac)=6 below the Cer "Copper(chror Cu FMB(ch)=2 below the Cer "Copper(chror Cu FMB(ac)=6 below the Cer "Copper(chror Cu FMB(ac)=6 below the Cer "Selenium(acute assessment lo	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): DM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 67.1 ug/l Itennial WWTF. Inic) = Copper BLM-based FMB 13.3 ug/l Itennial WWTF. Inic) = Copper BLM-based FMB 157.1 ug/l Itennial WWTF. Itennial WWTF. Iten = See section 38.6(4)(b) for locations. Itennial wwtre. Iten = See section 38.6(4)(b) for locations. Itennial wwtre. Iten = See section 38.6(4)(b) for locations. Itenses = See section 38.6(4)(b) for locations.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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 0.005 100	WS-II chronic 5.0 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	TVS	Chronic 100 TVS TVS 100 TVS** 1000 TVS TVS 0.01(t) TVS 13*
COSPUS16G Designation UP Qualifiers: Other: Temporary M temperature(E condition* Expiration Dat COSPUS16G CU FMB(ac)=6 Delow the Cer Copper(chror CU FMB(ac)=6 Delow the Cer Selenium(ac assessment lof Selenium(chr assessment lof TempMod: te	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): DM/MWAT) = current 12/1 - 2/29 e of 12/31/2020 e) = Copper BLM-based FMB 67.1 ug/l Itennial WWTF. Inic) = Copper BLM-based FMB 13.3 ug/l Itennial WWTF. Inic) = Copper BLM-based FMB 157.1 ug/l Itennial WWTF. Itennial WWTF. Iten = See section 38.6(4)(b) for locations. Itennial wwtre. Iten = See section 38.6(4)(b) for locations. Itennial wwtre. Iten = See section 38.6(4)(b) for locations. Itenses = See section 38.6(4)(b) for locations.	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	WS-II chronic 5.0 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS** 1000 TVS TVS TVS TVS TVS TVS

1. Mainstem o	f Cherry Creek from the source of Eas	t and West Cherry Creek	10 1110 111101 01 0	oneny oreer	t iteservoir.			
COSPCH01	Classifications	Physic	al and Biologi	ical			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 ^A
Qualifiers:		pН		6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			150*	Cadmium	TVS	TVS
*	(mg/m²)(ahrania) annlias anly ahaya	E. Coli (per 100 mL)			126	Cadmium(T)	5.0	
	(mg/m ²)(chronic) = applies only above sted at 38.5(4).	li	norganic (mg/l	L)		Chromium III		TVS
	chronic) = effective 12/31/2020. bove the facilities listed at 38.5(4).			acute	chronic	Chromium III(T)	50	
Applies of ity at	bove the radiities listed at 30.3(4).	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		
						Uranium Zinc	TVS	TVS
2. Cherry Cree	ek Reservoir.							
·	ek Reservoir. Classifications	Physic	al and Biologi	ical		Zinc		
COSPCH02		Physic	al and Biologi	ical DM	MWAT	Zinc	TVS	
COSPCH02	Classifications Agriculture Aq Life Warm 1	Physic Temperature °C	al and Biologi		MWAT WL	Zinc	TVS Metals (ug/L)	TVS
COSPCH02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E		al and Biologi	DM		Zinc	TVS Metals (ug/L) acute	TVS
COSPCH02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1		al and Biologi	DM WL	WL	Zinc	Metals (ug/L) acute	chronic
COSPCH02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C	al and Biologi	DM WL acute	WL chronic	Zinc Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPCH02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L)	al and Biologi 7/1 - 9/30	DM WL acute	WL chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 0.02
COSPCH02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH		DM WL acute 6.5 - 9.0	WL chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute 340	chronic 0.02
COSPCH02 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM WL acute 6.5 - 9.0	WL chronic 5.0 18*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340 TVS	chronic 0.02
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Meansenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	7/1 - 9/30	DM WL acute 6.5 - 9.0	WL chronic 5.0 18*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340 TVS 5.0	Chronic 0.02 TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management of the service of the s	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	7/1 - 9/30	DM WL acute 6.5 - 9.0 	WL chronic 5.0 18* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute 340 TVS 5.0	Chronic 0.02 TVS TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroni Expiration Date *chlorophyll a concentration	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	7/1 - 9/30	DM WL acute 6.5 - 9.0 L)	WL chronic 5.0 18* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50	TVS chronic 0.02 TVS TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS	WL chronic 5.0 18* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS	TVS chronic 0.02 TVS TVS TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS	WL chronic 5.0 18* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS	WL chronic 5.0 18* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS WS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019	WL chronic 5.0 18* 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)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005	WL chronic 5.0 18* 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)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Manag	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 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	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Manag	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 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)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Manag	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 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	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Manag	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 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)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCH02 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = Season mean measured in the upper three meters olumn for the months of July through	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	7/1 - 9/30	DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 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) Selenium	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS

COSPCH03	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	i nysicai and	DM	MWAT		acute	chronic
	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
toriowabio	Recreation E	Temperature 0	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 A
Qualifiers:		pH	6.5 - 9.0		Beryllium		0.02 10
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Julei.		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
		,	ic (mg/L)	0	Chromium III		TVS
		o.ga.i	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
la. All tributari Segment 4b.	ies to Cherry Creek, includ	ing all wetlands, from the source of East	and West Cherry C	reeks to the	confluence with the South Pl	atte River except for s	specific listings in
COSPCH04A	Classifications	Physical and	Biological			Metals (ug/L)	

COSPCH04A	Classifications	Physical and Biologi	cal		М	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
*	(E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
	(mg/m ²)(chronic) = applies only lities listed 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	
Applies of ity at	bove the facilities listed at 30.3(4).	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		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	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

1c. Bear Creek	K INESETVUII.							
COSPBE01C	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	23.3	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		pН		6.5 - 9.0		Chromium III		TVS
•	ee 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	L)		Iron		WS
Expiration Date	e of 12/31/2020		3	acute	chronic	Iron(T)		1000
	(ug/L)(chronic) = mean concentration	Ammonia		TVS	TVS	Lead	TVS	TVS
	ough collection of samples that are of the mixed layer during summer	Boron			0.75	Lead(T)	50	
nonths (July, A	August, September) and with an	Chloride			250	Manganese	TVS	TVS/WS
	requency of once in five years. chronic) = mean concentration	Chlorine		0.019	0.011	Mercury		0.01(t)
measured thro	ough collection of samples that are			0.019		Molybdenum(T)		150
	of the mixed layer during summer August, September) and with an	Cyanide				Nickel	TVS	TVS
	requency of once in five years.	Nitrate		10				
		Nitrite			0.05	Nickel(T)		100
		Phosphorus	7/1 - 9/30		22.2*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium		
						Zinc	TVS	TVS
1d. Evergreen	Lake.							
	Classifications	Physic	cal and Biologi				Metals (ug/L)	
Designation	Agriculture		cal and Biologi	DM	MWAT		acute	chronic
Designation	Agriculture Aq Life Cold 1	Physic Temperature °C	cal and Biologi	DM CLL	CLL	Aluminum	acute	chronic
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	cal and Biologi	DM CLL acute	CLL	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)	cal and Biologi	DM CLL	CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute	
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	cal and Biologi	DM CLL acute	CLL	Aluminum Arsenic Arsenic(T) Beryllium	acute 340	
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)	cal and Biologi	DM CLL acute	CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute 340	0.02
COSPBE01D Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	cal and Biologi	DM CLL acute 	CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute 340	 0.02
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	cal and Biologi	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
Designation Reviewable Qualifiers:	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 Biologi	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
Designation Reviewable Qualifiers:	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 Biologi	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
Designation Reviewable Qualifiers:	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 Chromium III(T)	acute 340 TVS(tr) 5.0 50	 0.02 TVS TVS
Designation Reviewable Qualifiers:	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	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
Designation Reviewable Qualifiers:	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	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:	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 TVS	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 TVS TVS WS
Designation Reviewable Qualifiers:	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) Ammonia Boron		DM CLL acute 6.5 - 9.0 L) acute 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)	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine		DM CLL acute 6.5 - 9.0 L) 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 VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS	0.02 TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide		DM CLL acute 6.5 - 9.0 L) acute TVS 0.019 0.005	CLL chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III 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 TVS TVS TVS TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		DM CLL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CLL 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 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 TVS	0.02 TVS TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01(t)
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	CLL 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 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 TVS TVS	0.02 TVS TVS TVS TVS TVS TVS 0.01(t) 150 TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 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)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	CLL 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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 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) Selenium Silver	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS
Designation Reviewable Qualifiers:	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) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 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) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS

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

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

2a. Mainstem of Clear Creek, including all tributaries and wetlands, from the I-70 bridge above Silver Plume to a point just above the confluence with West Fork Clear Creek, except for specific listings in Segments 3a and 3b. 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 340 Arsenic Water Supply D.O. (mg/L) 6.0 Arsenic(T) 0.02 Qualifiers: D.O. (spawning) Beryllium 7.0 рΗ 6.5 - 9.0 Cadmium TVS(tr) TVS Other: chlorophyll a (mg/m2) 150* Cadmium(T) 5.0 Temporary Modification(s): E. Coli (per 100 mL) 126 Chromium III TVS Arsenic(chronic) = hybrid Chromium III(T) Expiration Date of 12/31/2021 50 ---TVS Zinc(chronic) = 353 Chromium VI TVS Inorganic (mg/L) Zinc(acute) = 586 TVS Copper TVS acute chronic Expiration Date of 7/1/2020 WS TVS TVS Iron Ammonia 0.75 Iron(T) 1000 Boron *chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 38.5(4). TVS TVS Lead Chloride 250 *Designation: 9/30/00 Baseline does not apply 0.011 Lead(T) 50 Chlorine 0.019 *Phosphorus(chronic) = applies only above the facilities listed at 38.5(4). 0.005 Manganese **TVS** TVS/WS Cyanide *Zinc(acute) = 0.978e^(0.8537[In(hardness)]+1.9467) 0.01(t) Nitrate 10 Mercury ---*Zinc(chronic) = Molybdenum(T) 150 0.986e^(0.8537[In(hardness)]+1.8032) Nitrite 0.05 *Zinc(chronic) = Nickel TVS TVS 0.11* Phosphorus 0.978e^(0.8537[In(hardness)]+1.9467) 100 Sulfate WS Nickel(T) TVS Sulfide Selenium **TVS** 0.002 Silver TVS TVS(tr) Uranium SSE* Zinc

Zinc

SSE*

---*

D.O. = dissolved oxygen

2c. Mainstem of Clear Creek, including all tributaries and wetlands, from a point just below the confluence with Mill Creek to a point just above the Argo Tunnel discharge, except for specific listings in Segments 9a, 9b, and 10.

COSPCL02C	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:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	5.0	
Arsenic(chroni	· /	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
Cadmium(chro	onic) = current condition	Inorganic (mg/L)		Chromium VI	TVS	TVS
Copper(chroni	c) = current condition		acute	chronic	Copper	TVS	TVS
Expiration Date	e of 7/1/2020	Ammonia	TVS	TVS	Iron		WS
	(mg/m²)(chronic) = applies only above	Boron		0.75	Iron(T)		1000
the facilities lis	* *	Chloride		250	Lead	TVS	TVS
J	9/30/00 Baseline does not apply chronic) = applies only above the	Chlorine	0.019	0.011	Lead(T)	50	
facilities listed	at 38.5(4).	Cyanide	0.005		Manganese	TVS	TVS/WS
*Zinc(acute) = *Zinc(chronic)	0.978e^(0.8537[ln(hardness)]+1.9467)	Nitrate	10		Mercury		0.01(t)
	= 7[In(hardness)]+1.8032)	Nitrite		0.05	Molybdenum(T)		150
Zinc(chronic)	= 7[ln(hardness)]+1.9467)	Phosphorus		0.11	Nickel	TVS	TVS
0.0700 (0.000	/[iii(iiaiaiie33)]11.5407)	Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	*

tr = trout

D.O. = dissolved oxygen

10. Mainstem	of Chicago Creek, including all tributarie	es and wetlands, from the source	to the confluence	with Clear C	reek, except for specific	listings in Segment 19.	
COSPCL10	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	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
•	te of 12/31/2021				Chromium III(T)	50	
*ahlaranhyll a	(mg/m²)(chronic) = applies only above	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
	$(mg/m^2)(cnronic) = applies only above sted at 38.5(4).$		acute	chronic	Copper	TVS	TVS
•	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Iron		WS
*Phosphorus(d facilities listed	chronic) = applies only above the	Boron		0.75	Iron(T)		1000
idollitico lictod	at 66.6(1).	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
		Camao		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
11. Mainstem	of Clear Creek from a point just above t	L he Argo Tunnel discharge to the	Farmers Highline	Canal divers			
COSPCL11	Classifications	Physical and I	-	oanar divers	l	Metals (ug/L)	
COSPCL11 Designation	Classifications Agriculture	1	-	MWAT			chronic
Designation		1	Biological		Aluminum	Metals (ug/L)	chronic
	Agriculture	Physical and I	Biological DM	MWAT		Metals (ug/L) acute	
Designation	Agriculture Aq Life Cold 1	Physical and I	Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	
Designation JP	Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	
Designation	Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	 0.02
Designation UP Qualifiers: Other:	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-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340	 0.02
Designation UP Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 TVS(tr)	 0.02
Designation UP Qualifiers: Other: Temporary Management	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	 0.02 TVS
Designation UP Qualifiers: Other: Temporary Management	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	 0.02 TVS
Qualifiers: Other: Temporary Management Mana	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 c 0.978e^(0.8537[ln(hardness)]+1.9467)	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0 50	0.02 TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 c 0.978e^(0.8537[ln(hardness)]+1.9467)	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126	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	0.02 TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS TVS TVS 17
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS 47 WS 1000
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS 17
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS 47 WS 1000
Qualifiers: Other: Temporary Marsenic(chronic Expiration Date Total Control Co	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50	0.02 TVS TVS TVS 17 WS 1000 TVS TVS/WS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium 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	0.02 TVS TVS 17 WS 1000 TVS TVSMS 0.01(t)
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I 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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS 50 TVS	0.02 TVS TVS 17 WS 1000 TVS TVS/WS 0.01(t) 150
Qualifiers: Other: Temporary Marsenic(chronic) Expiration Date Tainc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I 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 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 50 TVS	0.02 TVS TVS 17 WS 1000 TVS TVSAWS 0.01(t) 150 TVS
Qualifiers: Other: Temporary Marsenic(chronic Expiration Date Total Control Co	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 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)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS 50 TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS 17 WS 1000 TVS TVSWS 0.01(t) 150 TVS 1000
Qualifiers: Other: Temporary Marsenic(chronic Expiration Date Total Control Co	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I 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 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 50 TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS 17 WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS
Qualifiers: Other: Temporary Marsenic(chronic Expiration Date Total Control Co	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 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) Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS 17 WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000 TVS 1000 TVS 1000 TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Dat *Zinc(acute) = *Zinc(chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 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) Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS 50 TVS	0.02 TVS TVS 17 WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS TVS(tr)
Qualifiers: Other: Temporary Marsenic(chronic) Expiration Date Tainc(acute) =	Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 c.0.978e^(0.8537[ln(hardness)]+1.9467) =	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-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 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) Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS 17 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

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

13a. Mainstem of North Clear Creek, including all tributaries and wetlands, from its source to its confluence with Chase Gulch, and Four Mile Gulch, including all tributaries and wetlands, from their sources to their confluence with North Clear Creek and Eureka Gulch, including all tributaries and wetlands, from its source to its confluence with Gregory Gulch.

COSPCL13A	<u> </u>	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
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
*Designation:	9/30/00 Baseline does not apply	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
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

13b. Mainstem of North Clear Creek including all tributaries and wetlands from a point just below the confluence with Chase Gulch to the confluence with Clear Creek, except for the specific listings in Segment 13a.

COSPCL13B	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
Temporary M	odification(s):	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
temperature(D	DM/MWAT) = current	chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
condition		E. Coli (per 100 mL)		126	Chromium III(T)		100
Expiration Dat	e of 12/31/2020				Chromium VI	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).	Inorganic	(mg/L)		Copper		64
*Phosphorus(d	chronic) = applies only above the		acute	chronic	Iron(T)		5400
facilities listed	at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate			Zinc		740
		Sulfide		0.002			

14a. Mainstern	n of Clear Creek from the Farmers High	hline Canal diversion in Golden Col	orado to the De	enver Water	conduit #16 crossing.		
	Classifications	Physical and Bio		mivor vvacor v	ornadic in to drooding.	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:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
*Zinc(acute) = effect ratio).	TVS x (times) the FWER (final water	Inorganic (i	ma/L)		Chromium III		TVS
Expiration date			acute	chronic	Chromium III(T)	50	
*Zinc(chronic) water effect ra	= TVS x (times) the FWER (final	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Expiration date		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	244
		Phosphorus		0.3 	Mercury		0.01(t)
		·		WS	Molybdenum(T)		150
		Sulfate			Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
							172
					Uranium	 TVO::4 F7*	T) (0:-4 F7*
					Zinc	TVSx1.57*	TVSx1.57*
11h Maineton	n of Clear Creek from the Denver Wate	ar conduit #16 crossing to a noint in	et halaw Vaunaf	iald Straat in	Wheat Ridge Colorado		
	of Clear Creek from the Denver Water Classifications	er conduit #16 crossing to a point just Physical and Bio		ield Street in	Wheat Ridge, Colorado.	Metals (ug/L)	
COSPCL14B	classifications Agriculture			ield Street in	Wheat Ridge, Colorado.	Metals (ug/L)	chronic
	Classifications	Physical and Bio	logical				chronic
COSPCL14B Designation	Classifications Agriculture		logical DM	MWAT	Wheat Ridge, Colorado. Aluminum Arsenic	acute	chronic
COSPCL14B Designation	Classifications Agriculture Aq Life Warm 2	Physical and Bio Temperature °C	logical DM WS-II	MWAT WS-II	Aluminum Arsenic	acute	
COSPCL14B Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio	Iogical DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic Arsenic(T)	acute 340	
COSPCL14B Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Bio Temperature °C D.O. (mg/L) pH	DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute 340 	 0.02
COSPCL14B Designation UP Qualifiers: Water + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	
COSPCL14B Designation UP Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 	 0.02 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0 mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	DM WS-II acute 6.5 - 9.0 mg/L) acute	MWAT WS-II 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
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	logical DM WS-II acute 6.5 - 9.0 mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(acute) =	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	Iogical DM WS-II acute 6.5 - 9.0 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(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M. Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (name) Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M. Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water et of 12/31/20. = TVS x (times) the FWER (final	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0	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 VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS WS 1000
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M. Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0	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 VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (in Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0	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 VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS WS 1000 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0 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 VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS 244
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration water effect ration *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0	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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS S TVS WS 1000 TVS 244 0.01(t)
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration water effect ration *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (to the state of the	DM WS-II acute 6.5 - 9.0	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)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS 244 0.01(t) 150
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration water effect ration *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0	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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (to the state of the	DM WS-II acute 6.5 - 9.0	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)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration water effect ration *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (to the state of the	DM WS-II acute 6.5 - 9.0	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) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS S TVS WS 1000 TVS 244 0.01(t) 150 TVS 1000 TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chronie Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ration water effect ration *Zinc(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (to the state of the	DM WS-II acute 6.5 - 9.0	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) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS	TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary M Arsenic(chroni Expiration Dat *Zinc(acute) = effect ratio). Expiration date *Zinc(chronic) water effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): ic) = hybrid e of 12/31/2021 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (to the state of the	DM WS-II acute 6.5 - 9.0	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) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS S TVS WS 1000 TVS 244 0.01(t) 150 TVS 1000 TVS

15 Mainston	of Clear Creek from Vounatiold Street						
COSPCL15	of Clear Creek from Youngfield Street Classifications	Physical and I		ne South Fla	ille River.	Metals (ug/L)	
Designation	Agriculture	i nysicarana i	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1*	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	Tomporature 0	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
	adification(a):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Temporary M Arsenic(chroni	• •	Inorgani	c (ma/L)		Chromium III		TVS
-	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
Expiration Bat	0 01 12/0 1/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	: Aquatic life warm 1 goal qualifier.	Boron		0.75	Copper	TVS	TVS
^∠inc(acute) = effect ratio).	TVS x (times) the FWER (final water	Chloride		250	Iron		WS
Expiration date	e of 12/31/20. = TVS x (times) the FWER (final	Chlorine	0.019	0.011	Iron(T)		1000
water effect ra		Cyanide	0.005		Lead	TVS	TVS
Expiration date	e of 12/31/20.	Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus			Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
		Sullide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
						1 7 0	1 7 3
					Hranium		
					Uranium	 T\/\$×1.57*	T\/\$v1 57*
16a. Mainsterr	n of Lena Gulch including all tributaries	s and wetlands from its source to	the inlet of Maple	Grove Reser	Zinc	 TVSx1.57*	TVSx1.57*
	n of Lena Gulch including all tributaries Classifications	s and wetlands from its source to	·	Grove Reser	Zinc	TVSx1.57* Metals (ug/L)	TVSx1.57*
COSPCL16A	_	1	·	Grove Reser	Zinc		TVSx1.57*
COSPCL16A Designation	Classifications	1	Biological		Zinc	Metals (ug/L)	
COSPCL16A Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT	Zinc voir.	Metals (ug/L) acute	chronic
COSPCL16A Designation	Classifications Agriculture Aq Life Warm 2	Physical and I	Biological DM WS-II	MWAT WS-II	Zinc voir. Aluminum	Metals (ug/L) acute 	chronic
COSPCL16A Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	Biological DM WS-II acute	MWAT WS-II chronic	Zinc Voir. Aluminum Arsenic	Metals (ug/L) acute 340	chronic
	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Zinc voir. Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COSPCL16A Designation UP 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	MWAT WS-II chronic 5.0	Zinc voir. Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02-10 ^A
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Zinc voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10 ^A
COSPCL16A Designation UP 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)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS 5.0	chronic 0.02-10 ^A TVS
COSPCL16A Designation UP 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)	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	Metals (ug/L) acute 340 TVS 5.0	chronic 0.02-10 A TVS TVS
COSPCL16A Designation UP 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	Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Zinc voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02-10 A TVS TVS
COSPCL16A Designation UP 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	Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS	Zinc voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02-10 A TVS TVS TVS
COSPCL16A Designation UP 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	Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02-10 A TVS TVS TVS TVS
COSPCL16A Designation UP 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	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	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02-10 A TVS TVS TVS TVS WS
COSPCL16A Designation UP 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	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	Zinc voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02-10 A TVS TVS TVS S TVS WS 1000
COSPCL16A Designation UP 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	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	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	Chronic 0.02-10 A TVS TVS TVS S TVS TVS TVS TVS TVS TVS TVS TVS
COSPCL16A Designation UP 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	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	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS	Chronic 0.02-10 A TVS
COSPCL16A Designation UP 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	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 0.05	Zinc Voir. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS 5.0 50 TVS	Chronic 0.02-10 A TVS
COSPCL16A Designation UP 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	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 0.05 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0 50 TVS	Chronic 0.02-10 A TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t)
COSPCL16A Designation UP 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	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 0.05 0.17 WS	Zinc Voir. 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)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS	Chronic 0.02-10 A TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150
COSPCL16A Designation UP 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	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 0.05 0.17 WS	Zinc voir. 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	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02-10 A TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCL16A Designation UP 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	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 0.05 0.17 WS	Zinc Voir. 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) Selenium	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02-10 A TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS
COSPCL16A Designation UP 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	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 0.05 0.17 WS	Zinc Voir. 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 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS	Chronic 0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS

ra. Mairisterri	i di Coai Creek ildili Higriw	vay 93 to Highway 36 (Boulder Turnpike).					
COSPBO07A	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/m²)		150	Cadmium	TVS	TVS
Temporary M	Modification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chron	nic) = hybrid	Inorganio	c (mg/L)		Chromium III		TVS
Expiration Date	ite 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
7b Mainstem	(0.10.1(.11))						
	i of Coal Creek from Highw	vay 36 to the confluence with Boulder Creek.					
	Classifications	vay 36 to the confluence with Boulder Creek. Physical and E	Biological		l n	fletals (ug/L)	
	_		Biological DM	MWAT	N	Metals (ug/L)	chronic
COSPBO07B	3 Classifications			MWAT WS-II	Aluminum		chronic
COSPBO07B Designation	Classifications Agriculture	Physical and E	DM			acute	
COSPBO07B Designation	Agriculture Aq Life Warm 2	Physical and E	DM WS-II	WS-II	Aluminum	acute	
COSPBO07B Designation	Aq Life Warm 2 Recreation E	Physical and E	DM WS-II acute	WS-II chronic	Aluminum Arsenic	acute 340	
COSPBO07B Designation Reviewable	Aq Life Warm 2 Recreation E	Physical and 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 ^A
COSPBO07B Designation Reviewable Qualifiers:	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 ^A
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	 0.02-10 ^A TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0 	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02-10 ^A TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 c (mg/L)	WS-II chronic 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02-10 A TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-II acute 6.5 - 9.0 c (mg/L) acute	WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50	 0.02-10 A TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-II acute 6.5 - 9.0 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(T)	acute 340 TVS 5.0 50 TVS	0.02-10 A TVS TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-II acute 6.5 - 9.0 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(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine	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(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 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 VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine	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 VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	0.02-10 A TVS TVS TVS SUS TVS WS 1000 TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	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(T) 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 WS 1000 TVS TVS/WS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS WS 1000 TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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	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	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	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 VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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	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)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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	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) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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	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) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS
COSPBO07B Designation Reviewable Qualifiers:	Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio 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	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) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS

3. All tributaries to South Boulder Creek, including all wetlands from South Boulder Road to the confluence with Boulder Creek and all tributaries to Coal Creek, including all wetlands from Highway 93 to the confluence with Boulder Creek COSPBO08 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic UP Ag Life Warm 2 WS-II WS-II Temperature °C Aluminum Recreation E acute chronic 340 Arsenic ---Qualifiers: D.O. (mg/L) 5.0 Arsenic(T) 100 6.5 - 9.0 рΗ Beryllium Other: chlorophyll a (mg/m²) 150* TVS TVS Cadmium chlorophyll a (mg/m²)(chronic) = applies only above E. Coli (per 100 mL) 126 Chromium III **TVS** TVS the facilities listed at 38.5(4). 'Phosphorus(chronic) = applies only above the Chromium III(T) 100 Inorganic (mg/L) acilities listed at 38.5(4). Chromium VI **TVS TVS** acute chronic TVS TVS TVS TVS Copper Ammonia Iron Boron 0.75 Iron(T) 1000 Chloride Lead TVS TVS Chlorine 0.019 0.011 Manganese TVS TVS Cyanide 0.005 0.01(t)Nitrate 100 Mercury Molybdenum(T) 150 Nitrite 0.5 **TVS** TVS Nickel Phosphorus 0.17*Selenium **TVS** TVS Sulfate Silver TVS TVS Sulfide 0.002 Uranium TVS **TVS** Zinc 9. Mainstem of Boulder Creek from a point immediately above the confluence with South Boulder Creek to the confluence with Coal Creek. COSPBO09 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 1 Reviewable 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: 6.5 - 9.0 Ha Beryllium --------chlorophyll a (mg/m²) Cadmium **TVS** TVS Other: E. Coli (per 100 mL) 126 Cadmium(T) 5.0 Temporary Modification(s): Inorganic (mg/L) Chromium III TVS Arsenic(chronic) = hybrid Chromium III(T) 50 acute chronic Expiration Date of 12/31/2021 temperature(DM/MWAT) = current 12/1 - 2/29 Chromium VI TVS TVS Ammonia TVS TVS Boron 0.75 Copper **TVS** TVS Expiration Date of 12/31/2020 WS Iron Chloride 250 Iron(T) 1000 0.019 Chlorine 0.011 Lead TVS TVS Cyanide 0.005 10 Lead(T) 50 Nitrate TVS TVS/WS Nitrite 0.5 Manganese Phosphorus Mercury 0.01(t)WS Molybdenum(T) 150 Sulfate TVS TVS Sulfide 0.002 Nickel Nickel(T) 100 Selenium TVS TVS Silver TVS TVS Uranium Zinc TVS TVS

All tributaries to St. Vrain Creek, including wetlands from Hygiene Road to the confluence with the South Platte River, except for specific listings in the Boulder Creek subbasin and in Segments 4a, 4b, 4c and 5. COSPSV06 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic UP Ag Life Warm 2 Temperature °C WS-II WS-II Aluminum Recreation E acute chronic 340 Arsenic ---Qualifiers: D.O. (mg/L) 5.0 Arsenic(T) 100 6.5 - 9.0 рΗ Beryllium Other: chlorophyll a (mg/m²) TVS TVS Cadmium Temporary Modification(s): E. Coli (per 100 mL) 126 Chromium III **TVS** TVS Iron(chronic) = current condition Chromium III(T) 100 Inorganic (mg/L) Manganese(ac/ch) = current condition TVS Expiration Date of 12/31/2020 Chromium VI **TVS** acute chronic TVS TVS Ammonia TVS TVS Copper Iron(T) 1000 Boron 0.75 Lead TVS **TVS** Chloride 0.011 Manganese TVS TVS Chlorine 0.019 Mercury 0.01(t)Cyanide 0.005 Molybdenum(T) 150 Nitrate 100 Nickel **TVS** TVS Nitrite 0.5 **TVS** TVS Selenium Phosphorus Silver TVS TVS Sulfate Uranium ---Sulfide 0.002 TVS Zinc TVS 7. Boulder Reservoir, Coot Lake, Left Hand Valley Reservoir and Spurgeon Reservoir. COSPSV07 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 1 Reviewable Temperature °C WL WL Aluminum Recreation E acute chronic Arsenic 340 Water Supply D.O. (mg/L) 5.0 Arsenic(T) 0.02 DUWS* На 6.5 - 9.0 ---Beryllium ---Qualifiers: chlorophyll a (ug/L) TVS Cadmium **TVS** Other: E. Coli (per 100 mL) 126 Cadmium(T) 5.0 ---Chromium III TVS Temporary Modification(s): Inorganic (mg/L) Chromium III(T) 50 Arsenic(chronic) = hybrid acute chronic Chromium VI TVS TVS Expiration Date of 12/31/2021 Ammonia TVS TVS Iron(chronic) = current condition Boron 0.75 Copper **TVS** TVS Manganese(ac/ch) = current condition WS Chloride 250 Iron Expiration Date of 12/31/2020 Iron(T) 1000 Chlorine 0.019 0.011 Lead TVS *Classification: DUWS applies to Boulder, Spurgeon 0.005 **TVS** Cyanide and Left Hand Valley Reservoirs only. Lead(T) 50 ---Nitrate 10 ---0.5 Manganese TVS TVS/WS Nitrite 0.01(t)Mercury **Phosphorus** Sulfate WS Molybdenum(T) 150 Nickel **TVS** TVS Sulfide 0.002 Nickel(T) 100 Selenium TVS TVS Silver TVS TVS Uranium TVS TVS

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

in. mannatelli	of the Big Thompson	n from the Greeley	y-Loveland Canal diversion	III to County Ro	ad 11H.				
COSPBT04B	1			cal and Biologi				Metals (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		pН		6.5 - 9.0		Beryllium		
Qualifiers:			chlorophyll a (mg/m²)				Cadmium	TVS	TVS
Other:			E. Coli (per 100 mL)	5/1 - 10/15		126	Cadmium(T)	5.0	
Temporary M	lodification(s):		E. Coli (per 100 mL)	10/16 - 4/30		630	Chromium III		TVS
Arsenic(chron							Chromium III(T)	50	
•	te of 12/31/2021		ı	norganic (mg/l	_)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	Iron(T)		1000
			Chloride			250	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead(T)	50	
			Cyanide		0.005		Manganese	TVS	TVS/WS
			Nitrate		10		Mercury		0.01(t)
			Nitrite			0.5	Molybdenum(T)		150
			Phosphorus				Nickel	TVS	TVS
			Sulfate			WS	Nickel(T)		100
			Sulfide			0.002	Selenium	TVS	TVS
			Cumac			0.002	Silver	TVS	TVS
							Uranium		
							Zinc	TVS	TVS
4c. Mainstem	of the Big Thompson	n from County Roa	 ad 11H to I-25.				0		
COSPBT04C	Classifications		Dhyeis	al and Dialant			Ī		
Designation			Physic	cal and Biologi	cai			Metals (ug/L)	
	Agriculture		Physic	cai and Biologi	DM	MWAT		Metals (ug/L)	chronic
Reviewable			Temperature °C	cai and Biologi		MWAT WS-I	Aluminum		chronic
	Agriculture	5/1 - 10/15		cai and Biologi	DM		Aluminum Arsenic	acute	
	Agriculture Aq Life Warm 2	5/1 - 10/15 10/16 - 4/30		cai and Biologi	DM WS-I	WS-I		acute	
	Agriculture Aq Life Warm 2 Recreation E		Temperature °C	cai and Biologi	DM WS-I acute	WS-I chronic	Arsenic	acute 340	
Reviewable	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L)	cai and Biologi	DM WS-I acute	WS-I chronic 5.0	Arsenic Arsenic(T)	acute 340 	 7.6
Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	5/1 - 10/15	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0	Arsenic Arsenic(T) Beryllium	acute 340 	 7.6
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH		DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0 	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	 7.6 TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	5/1 - 10/15	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute 340 TVS	 7.6 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15	DM WS-I acute 6.5 - 9.0 	WS-I chronic 5.0 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340 TVS TVS	 7.6 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 	WS-I chronic 5.0 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute 340 TVS TVS TVS TVS	 7.6 TVS TVS 100 TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 	WS-I chronic 5.0 126 630	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS TVS TVS TVS	TVS TVS 100 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 	WS-I chronic 5.0 126 630 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute 340 TVS TVS TVS TVS TVS TVS	TVS TVS 100 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 acute TVS	WS-I chronic 5.0 126 630 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 acute TVS	WS-I chronic 5.0 126 630 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS	TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 TVS 0.019	WS-I chronic 5.0 126 630 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury	acute 340 TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t)
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 TVS 0.019 0.005	WS-I chronic 5.0 126 630 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) 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	DM WS-I acute 6.5 - 9.0 TVS 0.019 0.005 100	WS-I chronic 5.0 126 630 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	acute 340 TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 0.01(t) 150 TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 acute TVS 0.019 0.005 100	WS-I chronic 5.0 126 630 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) Nickel Selenium Silver	acute 340 TVS	TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 TVS 0.019 0.005 100	WS-I chronic 5.0 126 630 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) Nickel Selenium Silver Uranium	acute 340 TVS	TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Warm 2 Recreation E Recreation N		Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	DM WS-I acute 6.5 - 9.0 acute TVS 0.019 0.005 100	WS-I chronic 5.0 126 630 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) Nickel Selenium Silver	acute 340 TVS	TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS

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

	of the Little Thompson River from the C	diver bitch diversion to the com			NVCI.		
COSPBT09	Classifications	Physical and		•		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)		0.02-10 ^A
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Selenium(chro	• •	Inorgan	ic (mg/L)		Chromium III		TVS
·	te of 12/31/2020		acute	chronic	Chromium III(T)	50	
*chlorophyll a	(mg/m²)(chronic) = applies only above	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4).	Boron		0.75	Copper	TVS	TVS
*Phosphorus(of facilities listed	chronic) = applies only above the at 38.5(4).	Chloride		250	Iron		WS
	21. 23.2(1).	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
10. All tributar	ies to the Little Thompson River, includ	ing all wetlands, from the Culve	r Ditch diversion to t	he confluen	ce with the Big Thompson R	liver.	
COSPBT10	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		WS-II acute	WS-II chronic	Aluminum Arsenic	 340	
Qualifiers:	Recreation E	D.O. (mg/L)					
Qualifiers: Other:	Recreation E		acute	chronic	Arsenic	340	
Other:		D.O. (mg/L) pH chlorophyll a (mg/m²)	acute 	chronic 5.0	Arsenic Arsenic(T)	340	100
Other: *chlorophyll a the facilities lis	(mg/m²)(chronic) = applies only above sted at 38.5(4).	D.O. (mg/L) pH	acute 6.5 - 9.0	5.0	Arsenic Arsenic(T) Beryllium	340 	 100 TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	5.0 150*	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS	 100 TVS
Other: *chlorophyll a the facilities lis	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	5.0 150*	Arsenic Arsenic(T) Beryllium Cadmium Chromium III	340 TVS TVS	 100 TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	5.0 150* 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	340 TVS TVS	100 TVS TVS 100
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	5.0 150* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	340 TVS TVS TVS	TVS TVS 100 TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	340 TVS TVS TVS TVS	TVS TVS 100 TVS TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	340 TVS TVS TVS TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	340 TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS 1000 TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 5.0 150* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	340 TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 5.0 150* 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 TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 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 TVS	TVS TVS 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 126 chronic TVS 0.75 0.011 0.5	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	340 TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
Other: *chlorophyll a the facilities lis *Phosphorus(o	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 126 chronic TVS 0.75 0.011 0.5 0.17*	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340 TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Cache La Poudre River Basin

11. Mainstem	of the Cache La Poudre River from Shi	ields Street in Ft. Collins to a point in	mmediately abov	ve the conflu	ence with Boxelder Creek.		
COSPCP11	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pН	6.5 - 9.0		Beryllium		
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Cadmium	TVS	TVS
. ,	DM/MWAT) = current 12/1 - 2/29	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
condition		Inorganic (ı	ng/L)		Chromium III(T)		100
Expiration Dai	te of 12/31/2020		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		2.7	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
	of the Cache La Poudre River from a p	oin immediately above the confluen	ce with Boxelde	r Creek to th			TVS
12. Mainstem COSPCP12	of the Cache La Poudre River from a p	oin immediately above the confluen Physical and Bio		r Creek to th	e confluence with the South		TVS
	Classifications Agriculture			r Creek to th	e confluence with the South	Platte River.	TVS
COSPCP12	Classifications Agriculture Aq Life Warm 1		logical		e confluence with the South	Platte River. etals (ug/L)	
COSPCP12 Designation Reviewable	Classifications Agriculture	Physical and Bio	logical DM	MWAT	e confluence with the South	Platte River. etals (ug/L) acute	chronic
COSPCP12 Designation	Classifications Agriculture Aq Life Warm 1	Physical and Bio	Iogical DM WS-I	MWAT WS-I	e confluence with the South M Aluminum	Platte River. etals (ug/L) acute	chronic
COSPCP12 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and Bio Temperature °C D.O. (mg/L) pH	DM WS-I acute	MWAT WS-I chronic	e confluence with the South M Aluminum Arsenic	Platte River. etals (ug/L) acute 340	chronic
COSPCP12 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1	Physical and Bio Temperature °C D.O. (mg/L)	DM WS-I acute	MWAT WS-I chronic 5.0	e confluence with the South M Aluminum Arsenic Arsenic(T)	Platte River. etals (ug/L) acute 340	chronic 7.6
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(I	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Arsenic(T) Beryllium	Platte River. etals (ug/L) acute 340	chronic 7.6
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Platte River. etals (ug/L) acute 340 TVS	chronic 7.6 TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	Platte River. etals (ug/L) acute 340 TVS TVS	chronic 7.6 TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute 6.5 - 9.0 mg/L)	MWAT WS-I chronic 5.0 126	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Platte River. etals (ug/L) acute 340 TVS TVS	chronic 7.6 TVS TVS 100
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	DM WS-I acute 6.5 - 9.0 mg/L) acute	MWAT WS-I chronic 5.0 126 chronic	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI	Platte River. etals (ug/L) acute 340 TVS TVS TVS TVS	chronic 7.6 TVS TVS 100 TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	DM WS-I acute 6.5 - 9.0 mg/L) acute	MWAT WS-I chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	Platte River. etals (ug/L) acute 340 TVS TVS TVS TVS	chronic 7.6 TVS TVS 100 TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	DM WS-I acute 6.5 - 9.0 mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS 0.75	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Platte River. etals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6 TVS TVS 100 TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i	DM WS-I acute 6.5 - 9.0 mg/L acute TVS	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	Platte River. etals (ug/L) acute 340 TVS	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine	DM WS-I acute 6.5 - 9.0 mg/L) acute TVS 0.019	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	Platte River. etals (ug/L) acute 340 TVS	Chronic 7.6 TVS TVS 100 TVS 1000 TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (in the state of the	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 0.011	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	Platte River. etals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (in Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Platte River. etals (ug/L) acute 340 TVS	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Matemperature(Econdition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (name) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 0.011 2.7	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	Platte River. etals (ug/L) acute 340 TVS	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary M temperature(E condition	Classifications Agriculture Aq Life Warm 1 Recreation E dodification(s): DM/MWAT) = current	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (iii) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 2.7	e confluence with the South M Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	Platte River. etals (ug/L) acute 340 TVS	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS

D.O. = dissolved oxygen

tr = trout

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Cache La Poudre River Basin

13a. All tributaries to the Cache La Poudre River, including all wetlands, from the Munroe Gravity Canal/North Poudre Supply canal diversion to the confluence with the South Platte River, except for specific listings in Segments 6, 7, 8, 13b and 13c. Classifications Physical and Biological Metals (ug/L) Designation Agriculture DМ MWAT acute chronic Ag Life Warm 2 Reviewable WS-I WS-I Temperature °C Aluminum Recreation E acute chronic 340 Arsenic Water Supply D.O. (mg/L) 0.02-10 A 5.0 Arsenic(T) Qualifiers: 6.5 - 9.0 рΗ Beryllium chlorophyll a (mg/m²) 150* TVS **TVS** Other: Cadmium E. Coli (per 100 mL) 126 Cadmium(T) 5.0 chlorophyll a (mg/m²)(chronic) = applies only above Chromium III **TVS** Inorganic (mg/L) the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the Chromium III(T) 50 --acute chronic facilities listed at 38.5(4). TVS Chromium VI TVS TVS TVS Ammonia TVS Copper TVS Boron 0.75 WS Iron Chloride 250 Iron(T) 1000 Chlorine 0.019 0.011 TVS Lead TVS Cyanide 0.005 Nitrate 10 Lead(T) 50 Manganese TVS TVS/WS Nitrite 0.5 Mercury ---0.01(t)Phosphorus 0.17*Molybdenum(T) 150 Sulfate WS Nickel TVS TVS 0.002 Sulfide Nickel(T) 100 Selenium **TVS** TVS TVS Silver TVS Uranium Zinc **TVS** TVS 13b. Mainstem of Boxelder Creek from its source to the confluence with the Cache La Poudre River. COSPCP13B Classifications Physical and Biological Metals (ug/L) **MWAT** Designation DM Agriculture acute chronic Reviewable Aq Life Warm 2 WS-II WS-II Temperature °C Aluminum Recreation N 9/16 - 5/14 acute chronic Arsenic 340 Recreation P 5/15 - 9/15 D.O. (mg/L) 5.0 100 Arsenic(T) Qualifiers: 6.5 - 9.0 Beryllium chlorophyll a (mg/m²) 150* Cadmium TVS TVS Other: E. Coli (per 100 mL) 5/15 - 9/15 ---205 Chromium III TVS **TVS** chlorophyll a (mg/m²)(chronic) = applies only above E. Coli (per 100 mL) 9/16 - 5/14 630 ---Chromium III(T) 100 the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the Chromium VI TVS TVS facilities listed at 38.5(4). TVS TVS Copper Inorganic (mg/L) Iron(T) 1000 --acute chronic TVS TVS Lead TVS TVS Ammonia TVS 0.75 Manganese TVS Boron Chloride Mercury 0.01(t)0.011 Molybdenum(T) ---150 Chlorine 0.019 **TVS** TVS Cyanide 0.005 Nickel **TVS** TVS Selenium Nitrate 100 Silver TVS TVS 0.5 Nitrite Uranium Phosphorus 0.17* TVS TVS Zinc Sulfate Sulfide 0.002