COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

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

APPENDIX 38-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2023

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

	Reservoir							
COSPUS06B	Classifications	Physic	cal and Biologic	al		N	letals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		varies*	varies*	Arsenic	340	
	Recreation E			acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)			7.0	Cadmium(T)	5.0	
Other:		pH		6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)	7/1 - 9/30		10*	Chromium III(T)	50	
Temporary Mo	* *	E. coli (per 100 mL)			126	Chromium VI	TVS	TVS
Arsenic(chroni	•					Copper	TVS	TVS
	e of 12/31/2024 (ug/L)(chronic) = measured through	ı	norganic (mg/L))		Iron		WS
samples that a	are representative of the mixed layer			acute	chronic	Iron(T)		1000
	pt, with an allowable exceedance in 5 yrs. See section 38.6(4) for	Ammonia		TVS	TVS	Lead	TVS	TVS
assessment th	resholds.	Boron			0.75	Lead(T)	50	
*Phosphorus(c assessment th	chronic) = See section 38.6(4) for presholds	Chloride			250	Manganese	TVS	TVS/WS
	te) = See 38.5(3) for details.	Chlorine		0.019	0.011	Mercury(T)		0.01
,	onic) = See 38.5(3) for details.	Cyanide		0.005		Molybdenum(T)		150
*Temperature	, , , ,	Nitrate		10		Nickel	TVS	TVS
	MWAT=CLL from 1/1-3/31 MWAT=23.5 from 4/1-12/31	Nitrite			0.05	Nickel(T)		100
DIVI=CLL and I	WWA1=23.5 HOIII 4/1-12/31	Nitrogen				Selenium	TVS	TVS
		Phosphorus			0.03*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium	varies*	varies*
		Sulfide			0.002	Zinc	TVS	TVS
7. 40.42			Samuel Parket Harle					
	es to the South Platte River, including ept for listings in Segments 8, 9, 10, 1		ininediately belo	ow the com	iderice with t	the North Fork of the South	Platte River to the ot	itiet of Chatheld
COSPUS07	Classifications	Physic	cal and Biologic	al		l n		
Designation						IV	letals (ug/L)	
Designation	Agriculture			DM	MWAT	, and the second	acute	chronic
	Agriculture Aq Life Cold 2	Temperature °C			MWAT CS-II	Arsenic		chronic
	-	Temperature °C		DM			acute	chronic 0.02-10 ^A
Reviewable	Aq Life Cold 2	Temperature °C D.O. (mg/L)		DM CS-II	CS-II	Arsenic	acute 340	
Reviewable	Aq Life Cold 2 Recreation E	·		DM CS-II acute	CS-II chronic	Arsenic Arsenic(T)	acute 340 	 0.02-10 ^A
Reviewable	Aq Life Cold 2 Recreation E	D.O. (mg/L)		CS-II acute	CS-II chronic 6.0	Arsenic Arsenic(T) Cadmium	acute 340 TVS	0.02-10 ^A TVS
Reviewable Qualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning)		CS-II acute	CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02-10 ^A TVS
Reviewable Qualifiers: Other:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH		DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02-10 ^A TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)		DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50	 0.02-10 A TVS TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)		DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50 TVS	0.02-10 A TVS TVS TVS TVS TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	norganic (mg/L ₎	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)		DM CS-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) 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 TVS WS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)		DM CS-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 TVS 126 chronic TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)		DM CS-II acute 6.5 - 9.0) acute TVS	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02-10 A TVS TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride	norganic (mg/L	DM CS-II acute 6.5 - 9.0) acute TVS	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine	norganic (mg/L	DM CS-II acute 6.5 - 9.0) acute TVS 0.019	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	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
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/L	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/L	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS 50 TVS	TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/L	DM CS-II acute 6.5 - 9.0 3 acute TVS 0.019 0.005 10 	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/L	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	norganic (mg/L	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS WS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS 100 TVS 100 TVS
Reviewable Qualifiers: Other: *Uranium(acut	Aq Life Cold 2 Recreation E Water Supply te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/L	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS

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

1c. Bear Creek Reservoir.						
COSPBE01C Classifications	Physi	cal and Biological			Metals (ug/L)	
Designation Agriculture		DI	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	varie	s* varies*	Arsenic	340	
Recreation E		acu	te chronic	Arsenic(T)		0.02
Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:	D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:	pН	6.5 -	9.0	Chromium III		TVS
Temporary Modification(s):	chlorophyll a (ug/L)	7/1 - 9/30	12.2*	Chromium III(T)	50	
Arsenic(chronic) = hybrid	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024				Copper	TVS	TVS
		norganic (mg/L)		Iron		WS
*chlorophyll a (ug/L)(chronic) = mean concentration measured through collection of samples that are		acu	te chronic	Iron(T)		1000
representative of the mixed layer during summer months (July, August, September) and with an	Ammonia	TVS		Lead	TVS	TVS
exceedance frequency of once in five years.	Boron			Lead(T)	50	
*Phosphorus(chronic) = mean concentration measured through collection of samples that are	Chloride			Manganese	TVS	TVS/WS
representative of the mixed layer during summer	Chlorine	0.019		Mercury(T)		0.01
months (July, August, September) and with an exceedance frequency of once in five years.	Cyanide	0.008		Molybdenum(T)		150
*Uranium(acute) = See 38.5(3) for details.	Nitrate	10		Nickel	TVS	TVS
*Uranium(chronic) = See 38.5(3) for details.	Nitrite			Nickel(T)		100
*Temperature =				Selenium	TVS	TVS
DM=CLL and MWAT=CLL from 1/1-3/31 DM=CLL and MWAT= 23.3 from 4/1-12/31	Phosphorus			Silver	TVS	TVS(tr)
	Sulfate			Uranium	varies*	varies*
	Sulfide		0.002		TVS	TVS
				Zinc	172	175
1d. Evergreen Lake.						
	Physic	ral and Biological			Metals (un/L)	
COSPBE01D Classifications	Physic	cal and Biological	I MWAT		Metals (ug/L)	chronic
COSPBE01D Classifications Designation Agriculture		DI		Arconic	acute	chronic
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1	Physic Temperature °C	DI CL	L CLL	Arsenic	acute 340	
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E	Temperature °C	DI CL acute	CLL chronic	Arsenic(T)	acute 340 	0.02
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1	Temperature °C D.O. (mg/L)	DI CL acute	chronic 6.0	Arsenic(T) Cadmium	acute 340 TVS	0.02 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning)	DI CL acute 	chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers:	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DI CL acute	CLL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	0.02 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DI CL acute 6.5 - 9.0	chronic 6.0 7.0 DUWS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50	 0.02 TVS TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers:	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L)	DI CL acute 	chronic 6.0 7.0 DUWS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other:	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DI CL acute 6.5 - 9.0	chronic 6.0 7.0 DUWS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
COSPBE01D Classifications Designation	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DI CL acute 6.5 - 9.0 Inorganic (mg/L)	chronic 6.0 7.0 DUWS TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS TVS WS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DI CL acute 6.5 - 9.0 Inorganic (mg/L)	chronic 6.0 7.0 DUWS TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia	6.5 - 9.0	chronic 6.0 7.0 DUWS TVS 126 ce chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS WS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron	DI CL acute 6.5 - 9.0 Inorganic (mg/L)	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75	Arsenic(T) 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	TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride	6.5 - 9.0	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine	DI CL acute 6.5 - 9.0 Inorganic (mg/L) acu	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride	DI CL acute 6.5 - 9.0 Inorganic (mg/L) acu TVS	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	DI CL acute 6.5 - 9.0 Inorganic (mg/L) acu	CLL chronic 6.0 7.0 DUWS TVS 126 ce chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	DI CL acute 6.5 - 9.0 Inorganic (mg/L) acu TVS 0.018	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Di CL acute 6.5 - 9.0 Inorganic (mg/L) acu TVS 0.019 0.000	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Di CL acute 6.5 - 9.0 Inorganic (mg/L) acu TV\$ 0.018 0.008	CLL chronic 6.0 7.0 DUWS TVS 126 Ce chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen	DI CL acute 6.5 - 9.0 10.015 0.005 10 10.015 10.01	CLL chronic 6.0 7.0 DUWS TVS 126 c chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen Phosphorus	Di CL acute 6.5 - 9.0 Inorganic (mg/L) 0.019 0.009 10	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 WS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS
COSPBE01D Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply DUWS Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen Phosphorus Sulfate	Direction of the control of the cont	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 WS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver Uranium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS Varies*	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS 100 TVS 100 TVS TVS(tr) varies*

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

8. Lakes and r	reservoirs in the Bear Creek system fro	om the sources to the boundar	y of the Mt. Evans Wil	derness are	a.		
COSPBE08	Classifications	Physical ar	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		рН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)		TVS	Chromium III(T)	50	
•	te) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.				Copper	TVS	TVS
		Inorga	anic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Nitrogen		TVS	Selenium	TVS	TVS
		Phosphorus		TVS	Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium	varies*	varies*
		Sulfide		0.002	Zinc	TVS	TVS
9. Lakes and I	reservoirs in the Bear Creek system fro Classifications		ans wilderness area to	o the inlet of	Evergreen Lake; includes	Metals (ug/L)	
Designation	Agriculture	i nysicai ai	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CL	CL	Arsenic	340	
1 to vio wabio	Recreation E	remperature o	acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:	,	D.O. (mg/z) D.O. (spawning)		7.0			
		pH	6.5 - 9.0		Cadmium(T) Chromium III	5.0	TVS
Other:		•		TVS			172
Temporary M	lodification(s):	chlorophyll a (ug/L)			Chromium III(T)	50 TV0	T./C
Arsenic(chron	, ,	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2024				Copper .	TVS	TVS
	onic) = applies only above the facilities	Inorga	anic (mg/L)		Iron		WS
listed at 38.5(4 *Phosphorus(6	4). chronic) = applies only above the		acute	chronic	Iron(T)		1000
facilities listed	. ,	Ammonia	TVS	TVS	Lead	TVS	TVS
I*I Iranium/acu	te) = See 38.5(3) for details.	Boron		0.75	Lead(T)	50	
,	:-\ O 00 F(0) (- 1 · · · !						
,	onic) = See 38.5(3) for details.	Chloride		250	Manganese	TVS	TVS/WS
,	onic) = See 38.5(3) for details.	Chlorine	0.019	250 0.011	Mercury(T)		0.01
,	onic) = See 38.5(3) for details.				Mercury(T) Molybdenum(T)		0.01 150
,	onic) = See 38.5(3) for details.	Chlorine	0.019	0.011	Mercury(T) Molybdenum(T) Nickel		0.01 150 TVS
,	onic) = See 38.5(3) for details.	Chlorine Cyanide	0.019 0.005	0.011	Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 	0.01 150 TVS 100
,	onic) = See 38.5(3) for details.	Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Mercury(T) Molybdenum(T) Nickel	 TVS	0.01 150 TVS 100 TVS
,	onic) = See 38.5(3) for details.	Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 	0.011	Mercury(T) Molybdenum(T) Nickel Nickel(T)	 TVS 	0.01 150 TVS 100
,	onic) = See 38.5(3) for details.	Chlorine Cyanide Nitrate Nitrite Nitrogen	0.019 0.005 10 	0.011 0.05 TVS*	Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 TVS TVS	0.01 150 TVS 100 TVS
`	onic) = See 38.5(3) for details.	Chlorine Cyanide Nitrate Nitrite Nitrogen Phosphorus	0.019 0.005 10 	0.011 0.05 TVS*	Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	 TVS TVS TVS	0.01 150 TVS 100 TVS TVS(tr)

D.O. = dissolved oxygen

tr = trout

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

9a. Mainstem of Fall River, including all tributaries a	and wetlands, from the source to	the confluence with	Clear Creek	•		
COSPCL09A Classifications	Physical and	Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable* Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
Recreation E		acute	chronic	Arsenic(T)		0.02
Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:	D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:	pН	6.5 - 9.0		Chromium III		TVS
Temporary Modification(s):	chlorophyll a (mg/m²)		TVS	Chromium III(T)	50	
Arsenic(chronic) = hybrid	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024				Copper	TVS	TVS
	Inorgan	ic (mg/L)		Iron		ws
*Designation: 9/30/00 Baseline does not apply *Phosphorus(chronic) = applies only above the		acute	chronic	Iron(T)		1000
facilities listed at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acute) = See 38.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chronic) = See 38.5(3) for details.	Chloride		250	Manganese	TVS	TVS/WS
	Chlorine	0.019	0.011	Mercury(T)		0.01
	Cyanide	0.005		Molybdenum(T)		150
	Nitrate	10		Nickel	TVS	TVS
	Nitrite		0.05	Nickel(T)		100
	Phosphorus		TVS*	Selenium	TVS	TVS
	Sulfate		WS	Silver	TVS	TVS(tr)
	Sulfide		0.002	Uranium	varies*	varies*
	Sullide		0.002	Zinc	TVS	TVS
9b. Mainstem of Trail Creek, including all tributaries	and wetlands from the source to	the confluence with	010		170	170
	s and wetlands from the source to the confluence with Clear Creel					
COSPCL09B Classifications	Physical and		Clear Creek	i.	Metals (ug/L)	
			MWAT		Metals (ug/L)	chronic
COSPCL09B Classifications		Biological		Arsenic		chronic
COSPCL09B Classifications Designation Agriculture	Physical and	Biological DM	MWAT		acute	
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Arsenic	acute 340	
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Arsenic Arsenic(T)	acute 340 	0.02
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Arsenic(T) Cadmium	acute 340 TVS	0.02 TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers:	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02 TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers:	Physical and 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	Arsenic Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02 TVS TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other:	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50	0.02 TVS TVS TVS TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS VS TVS WS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) 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
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS VS TVS WS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) 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	TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVSWS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVSWS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute (6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS WS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	### Acute 340	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS TVS TVS TVS TVS
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver Uranium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS 100 TVS 100 TVS TVS(tr) varies*
COSPCL09B Classifications Designation Agriculture Reviewable* Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Designation: 9/30/00 Baseline does not apply *Uranium(acute) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS WS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	### Acute 340	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS TVS TVS TVS TVS

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

COSPCL16B	Classifications	Physical an	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		TVS	Chromium III(T)		100
'Uranium(acu	te) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
'Uranium(chro	onic) = See 38.5(3) for details.	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.5	Silver	TVS	TVS
		Phosphorus		TVS	Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
17a. Arvada F	Reservoir.						
COSPCL17A	Classifications	Physical an	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CLL	CLL	Arsenic	340	
JP	Aq Life Cold 2 Recreation E	Temperature °C	CLL acute	CLL	Arsenic Arsenic(T)	340	0.02
UP		Temperature °C D.O. (mg/L)					
UP	Recreation E		acute	chronic	Arsenic(T)		0.02
UP Qualifiers:	Recreation E Water Supply	D.O. (mg/L)	acute 	chronic 6.0	Arsenic(T) Cadmium	TVS	0.02
-	Recreation E Water Supply DUWS	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	TVS 5.0	0.02 TVS
Qualifiers:	Recreation E Water Supply DUWS	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute 6.5 - 9.0	6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	TVS 5.0	0.02 TVS TVS
Qualifiers: Water + Fish	Recreation E Water Supply DUWS	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0 	6.0 7.0 DUWS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0 50	0.02 TVS TVS
Qualifiers: Water + Fish Other:	Recreation E Water Supply DUWS	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	acute 6.5 - 9.0 	chronic 6.0 7.0 DUWS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0 50 TVS	0.02 TVS TVS TVS TVS TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	chronic 6.0 7.0 DUWS TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 DUWS TVS 126 chronic	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS SVS TVS WS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 DUWS TVS 126 chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS WS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 5.0 50 TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS 5.0 50 TVS TVS TVS	0.02 TVS
Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Data Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS STVS TVS TVS TVS TVS 0.01
Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Data Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150
Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Data Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) 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 10	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS S TVS TVS TVS TVS TVS TVS T
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Date 'Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS TVS(tr)
Qualifiers: Water + Fish Other: Femporary M Arsenic(chron Expiration Dat Uranium(acu	Recreation E Water Supply DUWS Standards odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS

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

					to the confluence with CI	oar oroon.	
COSPCL22	Classifications	Physical a	nd Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)		7.0	Chromium III	TVS	TVS
		pН	6.5 - 9.0		Chromium III(T)		100
_	9/30/00 Baseline does not apply	chlorophyll a (ug/L)		TVS	Chromium VI	TVS	TVS
	te) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Copper	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.				Iron(T)		1000
		Inorgar	nic (mg/L)		Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)		0.01
		Boron		0.75	Molybdenum(T)		150
		Chloride			Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate	100		Uranium	varies*	varies*
		Nitrite		0.05	Zinc	TVS	TVS
		Nitrogen		TVS			
		Phosphorus		TVS			
		Sulfate					
		Sulfide		0.002			
23. Ralston R							
23. Kaiston K	eservoir						
COSPCL23	Classifications	Physical a	nd Biological			Metals (ug/L)	
		Physical a	nd Biological	MWAT		Metals (ug/L)	chronic
COSPCL23	Classifications	Physical a		MWAT CLL	Arsenic		chronic
COSPCL23 Designation	Classifications Agriculture Aq Life Cold 2 Recreation U		DM		Arsenic Arsenic(T)	acute	
COSPCL23 Designation	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply		DM CLL	CLL		acute 340	
COSPCL23 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C	DM CLL acute	CLL	Arsenic(T)	acute 340 	0.02
COSPCL23 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L)	DM CLL acute	CLL chronic 6.0	Arsenic(T) Cadmium	acute 340 TVS	0.02 TVS
COSPCL23 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CLL acute 	CLL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	0.02 TVS
COSPCL23 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02 TVS TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 DUWS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50	 0.02 TVS TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 DUWS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 DUWS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron Expiration Da	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DM CLL acute 6.5 - 9.0 	CLL chronic 6.0 7.0 DUWS TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS VS TVS WS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL)	DM CLL acute 6.5 - 9.0 nic (mg/L)	CLL chronic 6.0 7.0 DUWS TVS 126 chronic	Arsenic(T) 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
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVSWS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 DUWS TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
COSPCL23 Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chrone Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards lodification(s): iic) = hybrid te of 12/31/2024 tte) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) chlorophyll a (ug/L) E. coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen Phosphorus	DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 DUWS TVS 126 Chronic TVS 0.75 250 0.011 0.05 TVS TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS TVS TVS TVS TVS

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Big Dry Creek Basin

COSPBD07	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Beryllium(T)		100
	DUWS*	рН	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)		DUWS	Cadmium(T)	5.0	
Water + Fish	Standards	chlorophyll a (ug/L)		TVS	Chromium III		TVS
Other:		E. coli (per 100 mL)		205	Chromium III(T)	50	
	110	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
' '	odification(s):		acute	chronic	Copper	TVS	TVS
Arsenic(chroni	e of 12/31/2024	Ammonia	TVS	TVS	Iron		WS
•	: DUWS applies to Welton Reservoir.	Boron		0.75	Iron(T)		1000
	onic) = applies only above the facilities	Chloride		250	Lead	TVS	TVS
isted at 38.5(4	1). chronic) = applies only above the	Chlorine	0.019	0.011	Lead(T)	50	
acilities listed		Cyanide	0.005		Manganese	TVS	TVS/WS
Uranium(acut	te) = See 38.5(3) for details.	Nitrate	10		Mercury(T)		0.01
Uranium(chro	onic) = See 38.5(3) for details.	Nitrite		0.5	Molybdenum(T)		150
		Nitrogen		TVS*	Nickel	TVS	TVS
		Phosphorus		TVS*	Nickel(T)		100
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

		Boulde	er Creek Ba	sin			
1. All tributarie	es to Boulder Creek, including all w	etlands, within the Indian Peaks and	d James Peak Wilde	rness Areas			
COSPBO01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		TVS	Chromium III(T)	50	
*Uranium(acu	ite) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Uranium(chr	onic) = See 38.5(3) for details.				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		TVS	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
	of Boulder Creek, including all tribuk, except for the specific listings in S		dary of the Indian Po	eaks Wilderr	ness Area to a point immed	diately below the confl	uence with Nort
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02

COSPBO02A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		TVS	Chromium III(T)	50	
Arsenic(chroni	· /	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2024				Copper	TVS	TVS
*Phosphorus(c	chronic) = applies only above the	Inorgan	ic (mg/L)		Iron		WS
facilities listed	at 38.5(4).		acute	chronic	Iron(T)		1000
,	e) = See 38.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chro	onic) = See 38.5(3) for details.	Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		TVS*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

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

andatant	es to St. Vrain Creek, including all w	etlands, which are within the Indian	Peaks Wilderness	Area and Ro	icky Mountain National Pa	rk.	
COSPSV01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		рН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		TVS	Chromium III(T)	50	
*I Iranium/acu	ute) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
	onic) = See 38.5(3) for details.				Copper	TVS	TVS
Oramam(orm		Inorgan	ic (mg/L)		Iron		WS
		. 0	acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine			Mercury(T)		0.01
			0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005			 TV6	
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		TVS	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
	(0:)/ : 0 1 1 1 1 1 1						
	of St. Vrain Creek, including all tribu	utaries and wetlands, from the bour	dary of the Indian F	Peaks Wilder			
boundary of F		utaries and wetlands, from the bour		Peaks Wilder	ness Area and Rocky Mou		
boundary of F	Roosevelt National Forest. Classifications	· 		Peaks Wilder	ness Area and Rocky Mou	untain National Park to	
boundary of F	Roosevelt National Forest. Classifications	· 	Biological		ness Area and Rocky Mou	untain National Park to	the eastern
boundary of F COSPSV02A Designation	Roosevelt National Forest. Classifications Agriculture	Physical and	Biological DM	MWAT	ness Area and Rocky Mou	untain National Park to Metals (ug/L) acute	the eastern
boundary of F COSPSV02A Designation	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	ness Area and Rocky Mou	untain National Park to Metals (ug/L) acute 340	chronic
boundary of F COSPSV02A Designation	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Arsenic Arsenic(T)	untain National Park to Metals (ug/L) acute 340	chronic 0.02
boundary of F COSPSV02A Designation Reviewable Qualifiers:	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other:	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	Physical and 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 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chrone Expiration Da *Phosphorus(Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chrone Expiration Da *Phosphorus(facilities listed	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	the eastern chronic 0.02 TVS TVS STVS TVS WS 1000
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid the of 12/31/2024 (chronic) = applies only above the dat 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS	the eastern chronic 0.02 TVS TVS TVS WS 1000 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	mtain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50	the eastern chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	mtain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TV	the eastern chronic 0.02 TVS TVS S TVS WS 1000 TVS TVS/WS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	untain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS	the eastern chronic 0.02 TVS TVS TVS WS 1000 TVS TVSWS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Intain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	the eastern chronic 0.02 TVS TVS S TVS TVS S TVS S TVS WS 1000 TVS TVS/WS 0.01 150
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	untain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	the eastern chronic 0.02 TVS TVS TVS TVS TVS TVS S TVS US 1000 TVS TVS/WS 0.01 150 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Intain National Park to Metals (ug/L)	the eastern chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	untain National Park to Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	the eastern chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Intain National Park to Metals (ug/L)	the eastern chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000
boundary of F COSPSV02A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da *Phosphorus(facilities listed *Uranium(acu	Roosevelt National Forest. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 (chronic) = applies only above the d at 38.5(4). Ite) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS*	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	### Intain National Park to Metals (ug/L)	the eastern chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS

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

11. Barbour F							
COSPSV11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (ug/L)		TVS	Chromium III		TVS
		E. coli (per 100 mL)		126	Chromium III(T)	50	
Temporary N	Modification(s):		nic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chror	nic) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Da	ate of 12/31/2024	Ammonia	TVS	TVS	Iron		WS
*Uranium(acı	ute) = See 38.5(3) for details.	Boron		0.75	Iron(T)		1000
'Uranium(chr	ronic) = See 38.5(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
					Manganese	TVS	TVS/WS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	10		* ` '		
		Nitrite		0.5	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Craman	7400	
					Zinc	TVS	TVS
12. All lakes i	and reservoirs tributary to Left Hand	d Creek from Highway 36 to the con	fluence with St. Vrai	n Creek, exc	Zinc	TVS	
	and reservoirs tributary to Left Hand	d Creek from Highway 36 to the con		n Creek, exc	Zinc	TVS	
COSPSV12	Classifications			n Creek, exc	Zinc	TVS	
COSPSV12 Designation	Classifications	Physical and	Biological		Zinc	TVS ment 7. Metals (ug/L)	TVS
COSPSV12 Designation	Classifications Agriculture		Biological	MWAT	Zinc cept as specified in Seg Arsenic	ment 7. Metals (ug/L) acute	chronic
COSPSV12 Designation	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C	Biological DM WL	MWAT WL chronic	Zinc ept as specified in Seg Arsenic Arsenic(T)	ment 7. Metals (ug/L) acute 340	chronic 0.02
COSPSV12 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM WL acute	MWAT WL chronic 5.0	Zinc Pept as specified in Seg Arsenic Arsenic(T) Cadmium	ment 7. Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
COSPSV12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	zinc ept as specified in Seg Arsenic Arsenic(T) Cadmium Cadmium(T)	ment 7. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary N	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL)	DM WL acute 6.5 - 9.0 nic (mg/L)	MWAT WL chronic 5.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS	Chronic 0.02 TVS TVS TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chroromatic)	Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL)	Biological DM WL acute 6.5 - 9.0 nic (mg/L) acute	MWAT WL chronic 5.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chroromatic)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT WL chronic 5.0 TVS 126 chronic TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS STVS WS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chroisexpiration Dates)	Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WL acute 6.5 - 9.0 nic (mg/L) acute	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply The Standards Modification(s): nic) = hybrid ate of 12/31/2024	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS SVS 1000 TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75	ept as specified in Seg Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Date of the context of the	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS ment 7. 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 0.01 150
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrorexpiration Date of the context of the	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrore) Expiration Da *Uranium(acu	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS 126 Chronic TVS 0.75 250 0.011 0.5 WS	zinc ept as specified in Seg Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100
COSPSV12 Designation Reviewable Qualifiers: Water + Fish Other: Temporary Marsenic(chrore Expiration Da	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Advice Sup	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 TVS 126 Chronic TVS 0.75 250 0.011 0.5 WS	zinc eept as specified in Seg Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS ment 7. Metals (ug/L) acute 340 TVS 5.0 50 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 0.01 150 TVS 100 TVS

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

7. All lakes and reservoirs tributary to the South Platte River from a point immediately below the confluence with Big Dry Creek to the Weld/Morgan County line, except for listings in the subbasins of the South Platte River, and in segments 4 and 8. COSPMS07 Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM MWAT acute chronic Ag Life Warm 2 Reviewable WL WL 340 Temperature °C Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 5.0 Cadmium TVS TVS Qualifiers: рΗ 6.5 - 9.0 Cadmium(T) 5.0 Water + Fish Standards chlorophyll a (ug/L) TVS Chromium III **TVS** Other: E. coli (per 100 mL) 126 Chromium III(T) 50 Chromium VI TVS TVS Inorganic (mg/L) Temporary Modification(s): Copper TVS TVS Arsenic(chronic) = hybrid acute chronic Expiration Date of 12/31/2024 WS Ammonia **TVS TVS** Iron Iron(T) 1000 Boron 0.75 *Uranium(acute) = See 38.5(3) for details. TVS 250 Lead **TVS** Chloride *Uranium(chronic) = See 38.5(3) for details. Lead(T) 50 Chlorine 0.019 0.011 Manganese TVS TVS/WS Cyanide 0.005 0.01 Nitrate 10 Mercury(T) Molybdenum(T) 150 Nitrite 0.5 TVS TVS Phosphorus Nickel WS Nickel(T) 100 Sulfate Selenium TVS TVS Sulfide 0.002 Silver TVS TVS Uranium varies* varies* TVS TVS Zinc 8. Riverside Reservoir. COSPMS08 Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic UP Ag Life Warm 1 WL WL Temperature °C Arsenic 340 Recreation E 0.02 acute chronic Arsenic(T) ---Water Supply D.O. (mg/L) 5.0 Cadmium TVS **TVS** Qualifiers: рΗ 6.5 - 9.0---Cadmium(T) 5.0 --chlorophyll a (ug/L) TVS Chromium III TVS Other: E. coli (per 100 mL) 126 Chromium III(T) 50 Temporary Modification(s): Chromium VI TVS TVS Inorganic (mg/L) Arsenic(chronic) = hybrid acute chronic Copper TVS TVS Expiration Date of 12/31/2024 Ammonia **TVS TVS** Iron WS *Uranium(acute) = See 38.5(3) for details. 1000 Boron 0.75 Iron(T) *Uranium(chronic) = See 38.5(3) for details. Lead TVS TVS Chloride 250 Chlorine Lead(T) 50 0.019 0.011 0.005 Manganese TVS TVS/WS Cyanide 0.01 Nitrate 10 Mercury(T) Nitrite 0.5 Molybdenum(T) 150 Nickel TVS TVS Nitrogen TVS Nickel(T) 100 Phosphorus TVS **TVS** TVS Selenium Sulfate WS Silver TVS TVS 0.002 Sulfide Uranium varies* varies3 TVS TVS

tr = trout

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

COSPBT19	Classifications	Physical a	nd Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
ualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (ug/L)		TVS	Chromium III		TVS
		E. coli (per 100 mL)		126	Chromium III(T)	50	
Temporary M	* *	Inorgai	nic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chron	<i>'</i>		acute	chronic	Copper	TVS	TVS
•	e of 12/31/2024	Ammonia	TVS	TVS	Iron		WS
•	te) = See 38.5(3) for details. onic) = See 38.5(3) for details.	Boron		0.75	Iron(T)		1000
Oranium(cmc	offic) = Gee 30.3(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.5	Molybdenum(T)		150
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

14. Horsetooth							
COSPCP14	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	varies*	varies* B	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
	DUWS	D.O. (spawning)		7.0	Cadmium(T)	5.0	
Qualifiers:		pH	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (ug/L)		DUWS	Chromium III(T)	50	
Fammaran M	adification (a)	chlorophyll a (ug/L)		TVS	Chromium VI	TVS	TVS
emporary w Arsenic(chron	odification(s):	E. coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2024	Inorga	nic (mg/L)		Iron		WS
•	te) = See 38.5(3) for details.		acute	chronic	Iron(T)		1000
•	onic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
Temperature	=	Boron		0.75	Lead(T)	50	
	MWAT=CLL from 1/1-3/31 MWAT=22.8 from 4/1-12/31	Chloride		250	Manganese	TVS	TVS/WS
JWI-OLL and	WWW/(1=22.0 HOIII 4/1 12/01	Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Nitrogen			Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium	varies*	varies*
		Sulfide		0.002	Zinc	TVS	TVS
5. Watson La	ake.						
5. Watson La		Physical an	d Biological			Metals (ug/L)	
COSPCP15	Classifications	Physical and	d Biological	MWAT		Metals (ug/L)	chronic
5. Watson La COSPCP15 Designation Reviewable				MWAT CL	Arsenic		chronic
COSPCP15 Designation	Classifications Agriculture	Physical and Temperature °C	DM			acute	
COSPCP15 Designation	Classifications Agriculture Aq Life Cold 1		DM CL	CL	Arsenic(T)	acute 340	
COSPCP15 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CL acute	CL		acute 340 	0.02
COSPCP15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute	CL chronic 6.0	Arsenic(T) Cadmium	acute 340 TVS	0.02 TVS
COSPCP15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 	CL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	0.02 TVS
COSPCP15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02 TVS TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50	 0.02 TVS TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronexpiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	340 TVS 5.0 50 TVS	0.02 TVS TVS TVS TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Dat Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	DM CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Dat Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	DM CL acute 6.5 - 9.0 nic (mg/L) acute	chronic 6.0 7.0 TVS 126 chronic	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS WS 1000
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS WS 1000
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	DM CL acute 6.5 - 9.0 TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSPCP15 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Dat Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL acute 6.5 - 9.0 TVS 0.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS S TVS TVS TVS TVS TVS TVS T
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acur	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 10.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
COSPCP15 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute 6.5 - 9.0 10.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 WS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS S TVS TVS TVS TVS TVS TVS T
cospcp15 designation deviewable dualifiers: Other: demporary M designation Date dualifiers: demporary M designation Date dualifiers: demporary M designation Date dualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2024 te) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 0.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS TVS(tr)

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

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

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

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

COSPCP18 Classifications		Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	varies*	varies*	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)		TVS	Chromium III(T)	50	
•	ute) = See 38.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Uranium(chr Temperature	ronic) = See 38.5(3) for details.				Copper	TVS	TVS
	e = for temperature standards.	Inorga	nic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Nitrogen		TVS	Selenium	TVS	TVS
		Phosphorus		TVS	Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium	varies*	varies*
		Sulfide		0.002	Zinc	TVS	TVS
19. All lakes a	and reservoirs tributary to the North	Fork of the Cache La Poudre Rive	r from the source to	the inlet of H	lalligan Reservoir.		
COSPCP19	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	DM CL	MWAT CL	Arsenic	acute 340	chronic
	⊣ ~	Temperature °C			Arsenic Arsenic(T)		chronic 0.02
Designation Reviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CL	CL		340	
	Aq Life Cold 1 Recreation E		CL acute	CL	Arsenic(T)	340	0.02 TVS
Reviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CL acute	CL chronic 6.0	Arsenic(T) Cadmium	340 TVS	0.02
Reviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CL acute 	CL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	340 TVS 5.0	0.02 TVS
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	CL acute 	CL chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	340 TVS 5.0 	0.02 TVS
Reviewable Qualifiers: Other: Femporary Marsenic(chrorese)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	340 TVS 5.0 50	 0.02 TVS TVS
Reviewable Qualifiers: Other: Femporary Marsenic(chrorexpiration Da	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340 TVS 5.0 50 TVS	 0.02 TVS TVS
Reviewable Qualifiers: Other: Femporary Marsenic(chrorexpiration Data Nitrogen(chroisted at 38.5)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS 5.0 50 TVS	 0.02 TVS TVS TVS
Reviewable Qualifiers: Other: Femporary Marsenic(chrorexpiration Data Nitrogen(chroisted at 38.5)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 TVS 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron	340 TVS 5.0 50 TVS TVS	 0.02 TVS TVS TVS WS
Reviewable Qualifiers: Other: emporary Marsenic(chrorexpiration Danaly Nitrogen(chrorested at 38.5(Phosphorus) acilities listed	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL)	CL acute 6.5 - 9.0 nic (mg/L) acute	CL chronic 6.0 7.0 TVS 126 chronic	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS	TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary Marsenic(chrorix) Expiration Dail Nitrogen(chrosted at 38.5) Phosphorus(acilities listed Uranium(aculticum)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) ies Inorgan	CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	340 TVS 5.0 50 TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chrorix) Expiration Dail Nitrogen(chrosted at 38.5) Phosphorus(acilities listed Uranium(aculticum)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) ies Inorgan Ammonia Boron	CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS 5.0 50 TVS TVS TVS 50	0.02 TVS TVS TVS S TVS TVS TVS TVS TVS TVS
eviewable sualifiers: ther: emporary M rsenic(chror xpiration Da Nitrogen(chro sted at 38.5(Phosphorus(cilities listed Uranium(acu	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
eviewable sualifiers: ther: emporary M rsenic(chror xpiration Da Nitrogen(chro sted at 38.5(Phosphorus(cilities listed Uranium(acu	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine	CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS VS
Rualifiers: Other: Description: Descripti	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) ies Inorgat Ammonia Boron Chloride Chlorine Cyanide	CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS	10.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVSWS 0.01
Rualifiers: Other: Description: Descripti	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate	CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVSWS 0.01 150 TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chrorix) Expiration Dail Nitrogen(chrosted at 38.5) Phosphorus(acilities listed Uranium(aculticum)	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS	TVS/WS 0.01 150 TVS
Rualifiers: Other: Description: Descripti	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 ronic) = applies only above the facilit (4). (chronic) = applies only above the d at 38.5(4). ute) = See 38.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Nitrogen	CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS*	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS/WS 0.01 150 TVS

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

20. All lakes and reservoirs tributary to the North Fork of the Cache La Poudre River from the inlet of Halligan Reservoir to the confluence with the Cache La Poudre River. This segment includes Halligan Reservoir and Seaman Reservoir Metals (ug/L) COSPCP20 Classifications Physical and Biological Designation Agriculture DM MWΔT acute chronic Reviewable Aa Life Cold 2 varies* 340 Temperature °C varies' Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 6.0 Cadmium TVS TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 ---Water + Fish Standards 6.5 - 9.0 pН ---Chromium III **TVS** Other: chlorophyll a (ug/L) TVS Chromium III(T) 50 E. coli (per 100 mL) 126 Chromium VI TVS **TVS** Temporary Modification(s): Copper **TVS TVS** Arsenic(chronic) = hybrid WS Iron Inorganic (mg/L) Expiration Date of 12/31/2024 Iron(T) 1000 acute chronic *Nitrogen(chronic) = applies only above the facilities isted at 38.5(4). TVS TVS Lead **TVS TVS** Ammonia *Phosphorus(chronic) = applies only above the Lead(T) 50 0.75 Boron facilities listed at 38.5(4). *Uranium(acute) = See 38.5(3) for details. Manganese TVS TVS/WS 250 Chloride *Uranium(chronic) = See 38.5(3) for details. Chlorine 0.019 0.011 Mercury(T) 0.01 Temperature = Molybdenum(T) 150 Cyanide 0.005 DM and MWAT=CL,CLL from 1/1-3/31 Seaman Reservoir TVS Nickel **TVS** Nitrate 10 DM=CLL and MWAT=22.5 from 4/1-12/31 Nickel(T) 100 Nitrite 0.05 All others DM and MWAT=CL,CLL from 4/1-12/31 TVS TVS TVS* Selenium Nitrogen TVS* Silver TVS TVS(tr) Phosphorus WS Uranium varies* varies* Sulfate ---TVS TVS 0.002 Zinc Sulfide 21. All lakes and reservoirs tributary to the Cache La Poudre River from the Munroe Gravity Canal Headgate (also known as the North Poudre Supply Canal diversion; 40.691700, -105.255292) to the confluence with the South Platte River, except for listings in segments 14, 15, 16, 19, 20, and 22. COSPCP21 Classifications Physical and Biological Metals (ug/L) Designation Agriculture **MWAT** DM acute chronic Ag Life Warm 2 Reviewable Temperature °C WL WL Arsenic 340 Recreation E 0.02-10 A acute chronic Arsenic(T) Water Supply D.O. (mg/L) 5.0 Cadmium TVS **TVS** DUWS* 6.5 - 9.0 На Cadmium(T) 5.0 Qualifiers: chlorophyll a (ug/L) **DUWS** Chromium III **TVS** Other: chlorophyll a (ug/L) TVS Chromium III(T) 50 E. coli (per 100 mL) 126 Chromium VI TVS **TVS** Classification: DUWS applies to North Poudre **TVS** TVS Reservoir No. 3. Copper *Nitrogen(chronic) = applies only above the facilities Iron WS Inorganic (mg/L) listed at 38.5(4). Phosphorus(chronic) = applies only above the chronic Iron(T) ---1000 acute facilities listed at 38.5(4). Lead TVS TVS Ammonia **TVS TVS** *Uranium(acute) = See 38.5(3) for details. 50 Lead(T) Boron 0.75 ---*Uranium(chronic) = See 38.5(3) for details. TVS TVS/WS Chloride 250 Manganese 0.019 0.011 Mercury(T) 0.01 Chlorine 0.005 Molybdenum(T) 150 Cvanide ---Nickel TVS TVS Nitrate 10 0.5 Nickel(T) 100 Nitrite TVS TVS* Selenium TVS Nitrogen TVS Silver TVS Phosphorus TVS* Sulfate ---WS Uranium varies' varies' 0.002 Zinc TVS **TVS** Sulfide

tr = trout

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Laramie River Basin

1. All tributarie							
COSPLA01	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		рН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		TVS	Chromium III(T)	50	
l Iranium(acu	ite) - See 38 5/3) for details	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
'Uranium(acute) = See 38.5(3) for details. 'Uranium(chronic) = See 38.5(3) for details.					Copper	TVS	TVS
0 14(01		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
					Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005			TVS	TVS
		Nitrate	10		Nickel		
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		TVS	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
		Sulfide rce to the National Forest boundary,			Zinc	TVS	TVS
stings in Seg			and all tributaries ar		Zinc	TVS	TVS
stings in Seg	gment 1.	rce to the National Forest boundary,	and all tributaries ar		Zinc	TVS lorado/Wyoming borde	TVS
stings in Seg COSPLA02A Designation	Classifications	rce to the National Forest boundary,	and all tributaries ar	nd wetlands	Zinc	TVS lorado/Wyoming borde Metals (ug/L)	TVS er, except for
stings in Seg COSPLA02A Designation	gment 1. Classifications Agriculture	rce to the National Forest boundary, Physical and	and all tributaries ar Biological DM	nd wetlands	Zinc from the source to the Co	TVS lorado/Wyoming borde Metals (ug/L) acute	TVS er, except for chronic
stings in Seg COSPLA02A Designation	Classifications Agriculture Aq Life Cold 1	rce to the National Forest boundary, Physical and Temperature °C	and all tributaries an Biological DM CS-I	MWAT CS-I chronic	Zinc from the source to the Co Arsenic Arsenic(T)	TVS lorado/Wyoming borde Metals (ug/L) acute 340	TVS er, except for chronic 0.02
stings in Seg COSPLA02A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	and all tributaries an Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc from the source to the Co Arsenic Arsenic(T) Cadmium	TVS lorado/Wyoming borde Metals (ug/L) acute 340 TVS	TVS er, except for chronic 0.02 TVS
stings in Seg COSPLA02A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	and all tributaries and all tributaries and Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T)	TVS lorado/Wyoming borde Metals (ug/L) acute 340 TVS 5.0	TVS er, except for chronic 0.02 TVS
cosplantion Cosplantion Reviewable Qualifiers:	gment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	TVS lorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS TVS
cosplantion Ceviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	and all tributaries and all tributaries and all tributaries and DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T)	TVS lorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
cosplantion Reviewable Cualifiers: Cemporary Marsenic(chron	Grant 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	TVS lorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS TVS
cosplantion Reviewable Cualifiers: Cemporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	thronic chronic 0.02 TVS TVS TVS TVS TVS TVS
cosplantion Reviewable Qualifiers: Temporary Marsenic(chronicxpiration Da	Grant 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	trys chronic chronic 0.02 TVS
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 TVS 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	thronic chronic 0.02 TVS
cosplantion Reviewable Rualifiers: Cemporary Marsenic(chron expiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	and all tributaries and all tributaries and all tributaries and Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS er, except for chronic 0.02 TVS TVS TVS WS 1000 TVS
cosplantion deviewable dualifiers: demporary Marsenic(chron expiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	and all tributaries ar Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	trys chronic chronic 0.02 TVS
cosplantion Reviewable Rualifiers: Cemporary Marsenic(chron expiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	and all tributaries and acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50	TVS er, except for chronic 0.02 TVS TVS TVS WS 1000 TVS
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	and all tributaries and acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVS er, except for chronic 0.02 TVS
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	and all tributaries and acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS er, except for chronic 0.02 TVS TVS WS 1000 TVS TVS/WS 0.01
COSPLA02A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	and all tributaries ar Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	TVS er, except for chronic 0.02 TVS TVS S TVS TVS TVS US 1000 TVS TVS/WS 0.01 150
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	and all tributaries ar Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS lorado/Wyoming border Metals (ug/L)	TVS chronic 0.02 TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS
COSPLA02A Designation Reviewable Qualifiers: Cother: Comporary Marsenic(chrone) Expiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	rce to the National Forest boundary, Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	and all tributaries ar Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05 TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS er, except for chronic 0.02 TVS TVS TVS STVS 1000 TVS TVS/WS 0.01 150 TVS 100
COSPLA02A Designation Reviewable Qualifiers: Description Descript	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tte of 12/31/2024 ate) = See 38.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	and all tributaries and acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Iorado/Wyoming border Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS er, except for chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS

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

	d reservoirs tributary to the South Platt		•	olorado/Nebr	aska border, except for lis			
COSPLS04	Classifications	Physical and Biological			Metals (ug/L)			
	Agriculture		DM	MWAT		acute	chronic	
Reviewable Aq Life Warm 2		Temperature °C	WL	WL	Arsenic	340		
	Recreation E Water Supply		acute	chronic	Arsenic(T)		0.02	
		D.O. (mg/L)		5.0	Beryllium(T)		4.0	
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
Water + Fish	Standards	chlorophyll a (ug/L)		TVS	Cadmium(T)	5.0		
Other:		E. coli (per 100 mL)		126	Chromium III		TVS	
		Inorganic (mg/L)			Chromium III(T)	50		
Temporary M	()		acute	chronic	Chromium VI	TVS	TVS	
Arsenic(chroni	, ,	Ammonia	TVS	TVS	Copper	TVS	TVS	
•	e of 12/31/2024 nic) = applies only above the facilities	Boron		0.75	Iron		WS	
listed at 38.5(4	4).	Chloride		250	Iron(T)		1000	
*Phosphorus(of facilities listed	chronic) = applies only above the at 38.5(4).	Chlorine	0.019	0.011	Lead	TVS	TVS	
*Uranium(acut	re) = See 38.5(3) for details.	Cyanide	0.005		Lead(T)	50		
*Uranium(chro	nic) = See 38.5(3) for details.	Nitrate	10		Manganese	TVS	TVS/WS	
		Nitrite		0.5	Mercury(T)		0.01	
		Nitrogen		TVS*	Molybdenum(T)		150	
		Phosphorus		TVS*	Nickel	TVS	TVS	
		Sulfate		WS	Nickel(T)		100	
		Sulfide		0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Republican River Basin

COSPRE07 Classifications		Physical and Biological			and wetlands, from the source to the Colorado/Kansas border. Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation P	The second of th	acute	chronic	Arsenic(T)		100
Qualifiers:	1	D.O. (mg/L)		5.0	Beryllium(T)		100
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Julion.		chlorophyll a (mg/m²)		TVS	Chromium III	TVS	TVS
	chronic) = applies only above the	E. coli (per 100 mL)		205	Chromium III(T)		100
acilities listed Uranium(acu	at 38.5(4). te) = See 38.5(3) for details.		nic (mg/L)		Chromium VI	TVS	TVS
,	onic) = See 38.5(3) for details.		acute	chronic	Copper	TVS	TVS
,	, , ,	Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		TVS*	Silver	TVS	TVS
		Sulfate			Uranium	varies*	varies*
		Sulfide		0.002	Zinc	TVS	TVS
B. All lakes an	d reservoirs tributary to the Republica						
COSPRE08	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Beryllium(T)		4.0
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		TVS	Cadmium(T)	5.0	
		E. coli (per 100 mL)		126	Chromium III		TVS
emporary M	odification(s):	Inorgar	nic (mg/L)		Chromium III(T)	50	
Arsenic(chron			acute	chronic	Chromium VI	TVS	TVS
•	te of 12/31/2024	Ammonia	TVS	TVS	Copper	TVS	TVS
sted at 38.5(4		Boron		0.75	Iron		WS
*Phosphorus(chronic) = applies only above the facilities listed at 38.5(4). *Uranium(acute) = See 38.5(3) for details. *Uranium(chronic) = See 38.5(3) for details.		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite		0.5	Mercury(T)		0.01
		Nitrogen		TVS*	Molybdenum(T)		150
		Phosphorus		TVS*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
						varies*	varies*
					Uranium	varies	variou