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

7a. Mainstem	, , , , , , , , , , , , , , , , , , ,						
COSPBO07A	Classifications	Physical and	Biological		N	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
Temporary Modification(s):		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Arsenic(chronic) = hybrid		Inorgani	ic (mg/L)		Chromium III		TVS
Expiration Date of 12/31/2021			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	50	
		Nitrite		0.5	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury		0.01(t)
		Sulfate		WS	Molybdenum(T)		150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
7b. Mainstem	of Coal Creek from Highway 36	to the confluence with Boulder Creek.					
	or oddi orccit from riighway oo	to the confidence with boulder creek.					
COSPBO07B	1	Physical and	Biological		P	Metals (ug/L)	
COSPBO07B Designation	1		Biological DM	MWAT	n	Metals (ug/L)	chronic
	Classifications			MWAT WS-II	Aluminum		chronic 
Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and	DM			acute	chronic 
Designation	Classifications Agriculture Aq Life Warm 2	Physical and	DM WS-II	WS-II	Aluminum	acute	
Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	DM WS-II acute	WS-II chronic	Aluminum Arsenic	acute  340	
<b>Designation</b> Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C  D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute  340 	
Designation Reviewable  Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C  D.O. (mg/L) pH	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	acute  340 	  0.02-10 <sup>A</sup> 
Designation Reviewable  Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	  0.02-10 <sup>A</sup>  TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 TVS 5.0	 0.02-10 <sup>A</sup>  TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute  6.5 - 9.0  	WS-II chronic 5.0  126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02-10 A  TVS  TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani	DM WS-II acute  6.5 - 9.0  ic (mg/L) acute	WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50	0.02-10 A TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia	DM WS-II acute  6.5 - 9.0   ic (mg/L) acute TVS	WS-II chronic 5.0 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50 TVS	0.02-10 A TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani  Ammonia Boron	DM WS-II acute  6.5 - 9.0   ic (mg/L) acute TVS	WS-II chronic 5.0 126  chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Inorgani  Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 126  chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Inorgani  Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-II chronic 5.0 126  Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02-10 A TVS TVS TVS TVS WS 1000
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS TVS	0.02-10 A TVS TVS TVS STVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Inorgani  Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02-10 A TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Inorgani  Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5	Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper  Iron  Iron(T)  Lead  Lead(T)  Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS TVS WS 1000 TVS TVS/WS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)  Inorgani  Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  Chronic TVS 0.75 250 0.011 0.5	Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium  Cadmium(T)  Chromium III  Chromium III(T)  Chromium VI  Copper  Iron  Iron(T)  Lead  Lead(T)  Manganese  Mercury	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide  Nitrate  Nitrite  Phosphorus  Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide  Nitrate  Nitrite  Phosphorus  Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5 WS	Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium  Cadmium(T)  Chromium III  Chromium VI  Copper  Iron  Iron(T)  Lead  Lead(T)  Manganese  Mercury  Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide  Nitrate  Nitrite  Phosphorus  Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5 WS	Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium  Cadmium(T)  Chromium III  Chromium VI  Copper  Iron  Iron(T)  Lead  Lead(T)  Manganese  Mercury  Molybdenum(T)  Nickel  Nickel(T)  Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide  Nitrate  Nitrite  Phosphorus  Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02-10 A TVS TVS TVS SUS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS 100 TVS 100 TVS 100 TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply  Iodification(s): iic) = hybrid	Physical and  Temperature °C  D.O. (mg/L)  pH  chlorophyll a (mg/m²)  E. Coli (per 100 mL)  Inorgani  Ammonia  Boron  Chloride  Chlorine  Cyanide  Nitrate  Nitrite  Phosphorus  Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126  chronic TVS 0.75 250 0.011 0.5 WS	Aluminum  Arsenic  Arsenic(T)  Beryllium  Cadmium  Cadmium(T)  Chromium III  Chromium VI  Copper  Iron  Iron(T)  Lead  Lead(T)  Manganese  Mercury  Molybdenum(T)  Nickel  Nickel(T)  Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02-10 A TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 TVS