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

<ol><li>Lakes and</li></ol>	reservoirs in the Clear Creek system t	hat are within the boundary of the N	1t. Evans Wilder	rness Area			
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic (	mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		250	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Guillac		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
21. Lakes and	reservoirs in the Clear Creek system f	rom courses to the Former's Highlig					
	reservoirs in the Olear Oreek system i	rom sources to the Farmer's Highlir	ne Canal diversi	on in Golden	, CO, except as specified in	n Segments 7b, 20, 2	2 and 25. Upper
Long Lake.		<u> </u>		on in Golden			2 and 25. Upper
COSPCL21	Classifications	Physical and Bio	logical			Metals (ug/L)	
COSPCL21 Designation	Classifications Agriculture	Physical and Bio	logical DM	MWAT		Metals (ug/L)	chronic
COSPCL21	Classifications Agriculture Aq Life Cold 1	<u> </u>	logical  DM  CL	MWAT CL	Aluminum	Metals (ug/L)  acute	chronic
COSPCL21  Designation  Reviewable*	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio	logical DM	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L)  acute  340	chronic 
COSPCL21  Designation  Reviewable*	Classifications Agriculture Aq Life Cold 1	Physical and Bio Temperature °C  D.O. (mg/L)	DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L)  acute  340	chronic
COSPCL21 Designation Reviewable* Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C  D.O. (mg/L)  D.O. (spawning)	DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L)  acute  340	chronic   0.02
COSPCL21 Designation Reviewable*  Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bio Temperature °C  D.O. (mg/L)  D.O. (spawning) pH	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L)  acute 340 TVS(tr)	chronic 0.02 TVS
COSPCL21 Designation Reviewable*  Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute  6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mo	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid	Physical and Bio Temperature °C  D.O. (mg/L)  D.O. (spawning) pH	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L)  acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bio 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	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L)  acute  340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *chlorophyll a e	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0 mg/L)	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *chlorophyll a and reservoirs	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical and Bio 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 mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Mc Arsenic(chroni Expiration Date *chlorophyll a and reservoirs *Designation: \$5	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (i	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L)  acute  340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS WS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moders Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronics)	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in the column of the col	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS S TVS WS 1000
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moders Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronics)	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in the color of t	DM   CL   acute       6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moders Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronics)	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (u	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	Chronic 0.02 TVS TVS S TVS TVS WS 1000 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moders Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronics)	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in the color of t	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS	Chronic
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in the color of t	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	Chronic 0.02 TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t)
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in the color of t	DM   CL   acute	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS S TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM   CL   acute	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM   CL   acute	MWAT CL chronic 6.0 7.0 8* 126  chronic TVS 0.75 250 0.011 0.05 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS S TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (number of the color of the col	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS
COSPCL21 Designation Reviewable* Qualifiers: Other: Temporary Moderic Arsenic (chroni Expiration Date and reservoirs *Designation: 9 *Phosphorus (chronic Chronic Chro	Classifications  Agriculture  Aq Life Cold 1  Recreation E  Water Supply  odification(s): ic) = hybrid e of 12/31/2021  (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Physical and Bio Temperature °C  D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)  Inorganic (number of the color of the col	DM   CL   acute     6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126  Chronic TVS 0.75 250 0.011 0.05 0.025* 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	Metals (ug/L)  acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic

tr = trout