

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

3b. Mainstem of Leavenworth Creek from source to confluence with South Clear Creek.						
COSPCL03B	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT		
Reviewable*			CS-I	CS-I		
			acute	chronic		
Qualifiers:						
Other:						
	Agriculture					
	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation E				Arsenic	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
		D.O. (spawning)	---	7.0	Beryllium	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m2)	---	150	Cadmium(T)	5.0
		E. Coli (per 100 mL)	---	126	Chromium III	---
					Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Lead(T)	50
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	---
					Nickel	TVS
					Nickel(T)	---
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	---
					Zinc	SSE*

*Designation: 9/30/00 Baseline does not apply
 *Zinc(acute) = 0.978e^(0.8537[ln(hardness)]+1.9467)
 *Zinc(chronic) = 0.986e^(0.8537[ln(hardness)]+1.8032)

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

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