

# REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Upper South Platte River Basin

21. Lakes and reservoirs in the Plum Creek system except for specific listings in Segment 20.						
COSPUS21	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 2	WL	WL	---	---	Aluminum
	Recreation E	acute	chronic	340	---	Arsenic
	Water Supply	---	5.0	---	0.02-10 <sup>A</sup>	Arsenic(T)
	DUWS*	6.5 - 9.0	---	---	---	Beryllium
Qualifiers:	chlorophyll a (ug/L)	---	---	TVS	TVS	Cadmium
Other:	E. Coli (per 100 mL)	---	126	5.0	---	Cadmium(T)
	Inorganic (mg/L)			---	TVS	Chromium III
		acute	chronic	50	---	Chromium III(T)
	Ammonia	TVS	TVS	TVS	TVS	Chromium VI
	Boron	---	0.75	TVS	TVS	Copper
	Chloride	---	250	---	WS	Iron
	Chlorine	0.019	0.011	---	1000	Iron(T)
	Cyanide	0.005	---	TVS	TVS	Lead
	Nitrate	10	---	50	---	Lead(T)
	Nitrite	---	0.5	TVS	TVS/WS	Manganese
	Phosphorus	---	---	---	0.01(t)	Mercury
	Sulfate	---	WS	---	150	Molybdenum(T)
	Sulfide	---	0.002	TVS	TVS	Nickel
				---	100	Nickel(T)
				TVS	TVS	Selenium
				TVS	TVS	Silver
				---	---	Uranium
				TVS	TVS	Zinc
22a. Lakes and reservoirs in watersheds tributary to the South Platte River from the outlet of Chatfield Reservoir to a point immediately below the confluence with Big Dry Creek, except for specific listings in the subbasins of the South Platte River, and in Segments 16b, 17a, 17b, 17c, 22b, and 23.						
COSPUS22A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 2	WL	WL	---	---	Aluminum
	DUWS*	acute	chronic	340	---	Arsenic
	Recreation E	---	5.0	---	0.02	Arsenic(T)
	Water Supply	6.5 - 9.0	---	---	---	Beryllium
Qualifiers:	chlorophyll a (ug/L)	---	---	TVS	TVS	Cadmium
Water + Fish Standards	E. Coli (per 100 mL)	---	126	5.0	---	Cadmium(T)
Other:	Inorganic (mg/L)			---	TVS	Chromium III
		acute	chronic	50	---	Chromium III(T)
	Ammonia	TVS	TVS	TVS	TVS	Chromium VI
	Boron	---	0.75	TVS	TVS	Copper
	Chloride	---	250	---	WS	Iron
	Chlorine	0.019	0.011	---	1000	Iron(T)
	Cyanide	0.005	---	TVS	TVS	Lead
	Nitrate	10	---	50	---	Lead(T)
	Nitrite	---	0.5	TVS	TVS/WS	Manganese
	Phosphorus	---	---	---	0.01(t)	Mercury
	Sulfate	---	WS	---	150	Molybdenum(T)
	Sulfide	---	0.002	TVS	210*	Molybdenum(T)
				TVS	TVS	Nickel
				---	100	Nickel(T)
				TVS	TVS	Selenium
				TVS	TVS	Silver
				---	---	Uranium
				TVS	TVS	Zinc

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.