

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper South Platte River Basin

16h. Mainstem of West Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with East Toll Gate Creek. Mainstem of East Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with West Toll Gate Creek. Mainstem of Toll Gate Creek, downstream of the confluence of East and West Toll Gate Creeks, to the confluence with Sand Creek.

COSPUS16H	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2 Recreation E	Temperature °C	WS-II WS-II	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Fish Ingestion Standards		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m2)	---	150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	150
		Nitrite	---	0.5	Nickel	TVS	TVS
		Phosphorus	---	0.17*	Selenium	varies*	varies*
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

16i. Mainstem of Sand Creek from the confluence with Toll Gate Creek to the confluence with the South Platte River.

COSPUS16I	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2 Recreation E	Temperature °C	WS-II WS-II	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Fish Ingestion Standards		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m2)	---	150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.026(t)*
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.5	Molybdenum(T)	---	150
		Phosphorus	---	0.17*	Nickel	TVS	TVS
		Sulfate	---	---	Selenium	---	varies*
		Sulfide	---	0.002	Selenium	varies*	---
					Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

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.