

# REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Upper South Platte River Basin

2c. South Mosquito Creek from the source to confluence with Mosquito Creek and No Name Creek from the source to the confluence with South Mosquito Creek.						
COSPUS02C	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute      chronic		
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---      ---
	Recreation E	<b>acute</b>	<b>chronic</b>	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)      TVS
Temporary Modification(s):		chlorophyll a (mg/m2)	---	150	Cadmium(T)	5.0      ---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III	---
Expiration Date of 12/31/2021		<b>Inorganic (mg/L)</b>			Chromium III(T)	50      ---
		<b>acute      chronic</b>			Chromium VI	TVS      TVS
		Ammonia	TVS	TVS	Copper	TVS      TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS      TVS
		Cyanide	0.005	---	Lead(T)	50      ---
		Nitrate	10	---	Manganese	TVS      TVS/WS
		Nitrite	---	0.05	Mercury	---
		Phosphorus	---	0.11	Molybdenum(T)	---
		Sulfate	---	WS	Nickel	TVS      TVS
		Sulfide	---	0.002	Nickel(T)	---
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					Uranium	---
					Zinc	---
						280

  

3. All tributaries to the South Platte River, including all wetlands from a point immediately below the confluence with Tarryall Creek to a point immediately above the confluence with the North Fork of the South Platte River, except for specific listings in Segment 1b.						
COSPUS03	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute      chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---      ---
	Recreation E	<b>acute</b>	<b>chronic</b>	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)      TVS
Temporary Modification(s):		chlorophyll a (mg/m2)	---	150*	Cadmium(T)	5.0      ---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III	---
Expiration Date of 12/31/2021		<b>Inorganic (mg/L)</b>			Chromium III(T)	50      ---
		<b>acute      chronic</b>			Chromium VI	TVS      TVS
		Ammonia	TVS	TVS	Copper	TVS      TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS      TVS
		Cyanide	0.005	---	Lead(T)	50      ---
		Nitrate	10	---	Manganese	TVS      TVS/WS
		Nitrite	---	0.05	Mercury	---
		Phosphorus	---	0.11*	Molybdenum(T)	---
		Sulfate	---	WS	Nickel	TVS      TVS
		Sulfide	---	0.002	Nickel(T)	---
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					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.