

**COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL COMMISSION**

5 CCR 1002-34

**REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS**

**APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables**

Effective 06/30/2019

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

6c. All tributaries to the Mancos River located in Mesa Verde National Park.							
COSJLP06C	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
OW	Agriculture						
	Aq Life Warm 1	WS-III	WS-III	Temperature °C	---	---	
	Recreation E	acute	chronic				
Qualifiers:				D.O. (mg/L)	---	5.0	
Other:				pH	6.5 - 9.0	---	
				chlorophyll a (mg/m ²)	---	150	
				E. Coli (per 100 mL)	---	126	
			Inorganic (mg/L)				
			acute	chronic			
		Ammonia	TVS	TVS	Chromium III	TVS	TVS
		Boron	---	0.75	Chromium III(T)	---	100
		Chloride	---	---	Chromium VI	TVS	TVS
		Chlorine	0.019	0.011	Copper	TVS	TVS
		Cyanide	0.005	---	Iron(T)	---	1000
		Nitrate	100	---	Lead	TVS	TVS
		Nitrite	0.05	---	Manganese	TVS	TVS
		Phosphorus	---	0.17	Mercury	---	0.01(t)
		Sulfate	---	---	Molybdenum(T)	---	---
		Sulfide	---	0.002	Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS
				Uranium	---	---	
				Zinc	TVS	TVS	

7a. Mainstem of McElmo Creek from the source to the confluence with Alkali Canyon. Mainstem of Yellow Jacket Creek, including all tributaries and wetlands, from the source to the confluence with McElmo Creek.							
COSJLP07A	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
Reviewable	Agriculture						
	Aq Life Warm 1	WS-II	WS-II	Temperature °C	---	---	
	Recreation E	acute	chronic				
Qualifiers:				D.O. (mg/L)	---	5.0	
Other:				pH	6.5 - 9.0	---	
				chlorophyll a (mg/m ²)	---	150*	
				E. Coli (per 100 mL)	---	126	
			Inorganic (mg/L)				
			acute	chronic			
		Ammonia(ac/ch) = current conditions	TVS	TVS	Chromium III	TVS	TVS
		Boron	---	0.75	Chromium III(T)	---	100
		Chloride	---	---	Chromium VI	TVS	TVS
		Chlorine	0.019	0.011	Copper	TVS	TVS
		Cyanide	0.005	---	Iron(T)	---	2200
		Nitrate	100	---	Lead	TVS	TVS
		Nitrite	0.05	---	Manganese	TVS	TVS
		Phosphorus	---	0.17*	Mercury	---	0.01(t)
		Sulfate	---	---	Molybdenum(T)	---	150
		Sulfide	---	0.002	Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS
				Uranium	---	---	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

9. Unnamed tributary to Ritter Draw (confluence at 37.4059, -108.5325).						
COSJLP09	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
UP	Aq Life Warm 2	WS-III	WS-III			
	Recreation E	acute	chronic			
Qualifiers:	D.O. (mg/L)	---	5.0			
Other:	pH	6.5 - 9.0	---			
Temporary Modification(s):	chlorophyll a (mg/m ²)	---	150*			
Ammonia(ac/ch) = current conditions	E. Coli (per 100 mL)	---	126			
Expiration Date of 6/30/2020	Inorganic (mg/L)					
*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 34.5(5).		acute	chronic			
*Phosphorus(chronic) = applies only above the facilities listed at 34.5(5).	Ammonia	TVS	TVS			
	Boron	---	0.75			
	Chloride	---	250			
	Chlorine	0.019	0.011			
	Cyanide	0.005	---			
	Nitrate	100	---			
	Nitrite	0.05	---			
	Phosphorus	---	0.17*			
	Sulfate	---	250			
	Sulfide	---	0.002			
				Aluminum	---	---
				Arsenic	340	---
				Arsenic(T)	---	100
				Beryllium	---	---
				Cadmium	TVS	TVS
				Chromium III	TVS	TVS
				Chromium III(T)	---	100
				Chromium VI	TVS	TVS
				Copper	TVS	TVS
				Iron(T)	---	1000
				Lead	TVS	TVS
				Manganese	TVS	TVS
				Mercury	---	0.01(t)
				Molybdenum(T)	---	150
				Nickel	TVS	TVS
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium	---	---
				Zinc	TVS	TVS

10. All tributaries to the San Juan River in Montezuma Dolores and San Miguel Counties, including all wetlands, except for the specific listings in Segments 2 through 8c and Segments 10b and 11.

10. All tributaries to the San Juan River in Montezuma Dolores and San Miguel Counties, including all wetlands, except for the specific listings in Segments 2 through 8c and Segments 10b and 11.						
COSJLP10	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
UP	Aq Life Warm 2	WS-III	WS-III			
	Recreation E	acute	chronic			
Qualifiers:	D.O. (mg/L)	---	5.0			
Other:	pH	6.5 - 9.0	---			
Temporary Modification(s):	chlorophyll a (mg/m ²)	---	150*			
Ammonia(ac/ch) = current conditions	E. Coli (per 100 mL)	---	126			
Expiration Date of 6/30/2020	Inorganic (mg/L)					
*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 34.5(5).		acute	chronic			
*Phosphorus(chronic) = applies only above the facilities listed at 34.5(5).	Ammonia	TVS	TVS			
	Boron	---	0.75			
	Chloride	---	---			
	Chlorine	0.019	0.011			
	Cyanide	0.005	---			
	Nitrate	100	---			
	Nitrite	---	---			
	Phosphorus	---	0.17*			
	Sulfate	---	---			
	Sulfide	---	0.002			
				Aluminum	---	---
				Arsenic	340	---
				Arsenic(T)	---	7.6
				Beryllium	---	---
				Beryllium(T)	---	100
				Cadmium	TVS	TVS
				Chromium III	TVS	TVS
				Chromium III(T)	---	100
				Chromium VI	TVS	TVS
				Copper	TVS	TVS
				Iron(T)	---	1000
				Lead	TVS	TVS
				Manganese	TVS	TVS
				Mercury	---	0.01(t)
				Molybdenum(T)	---	150
				Nickel	TVS	TVS
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium	---	---
				Zinc	TVS	TVS

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