

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

**5 CCR 1002-37**

**REGULATION NO. 37  
CLASSIFICATIONS AND NUMERIC STANDARDS  
FOR  
LOWER COLORADO RIVER BASIN**

**APPENDIX 37-1  
Stream Classifications and Water Quality Standards Tables**

Effective 06/30/2019

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

16. Mainstem of the Little Snake River from a point immediately above the confluence with Powder Wash to the confluence with the Yampa River.							
COLCLY16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2 Recreation E Water Supply	Temperature °C	WS-III	WS-III	Aluminum	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	
		pH	6.5 - 9.0	---	Beryllium	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III	---	
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	
		Boron	---	0.75	Iron	---	
		Chloride	---	250	Iron(T)	---	
		Chlorine	0.019	0.011	Lead	TVS	
		Cyanide	0.005	---	Manganese	TVS	
		Nitrate	10	---	Mercury	---	
		Nitrite	---	0.05	Molybdenum(T)	---	
		Phosphorus	---	0.17	Nickel	TVS	
		Sulfate	---	WS	Selenium	TVS	
		Sulfide	---	0.002	Silver	TVS	
					Uranium	---	
					Zinc	TVS	
17a. All tributaries to the Little Snake River from its first crossing of the Colorado/Wyoming border to a point immediately below the confluence with Fourmile Creek, except for the specific listing in Segment 18.							
COLCLY17A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-II	CS-II	Aluminum	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other:		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/m <sup>2</sup> )	---	150	Chromium III	TVS	
		E. Coli (per 100 mL)	---	205	Chromium III(T)	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron(T)	---	
		Boron	---	0.75	Lead	TVS	
		Chloride	---	---	Manganese	TVS	
		Chlorine	0.019	0.011	Mercury	---	
		Cyanide	0.005	---	Molybdenum(T)	---	
		Nitrate	100	---	Nickel	TVS	
		Nitrite	---	0.05	Selenium	TVS	
		Phosphorus	---	0.11	Silver	TVS	
		Sulfate	---	---	Uranium	---	
		Sulfide	---	0.002	Zinc	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

4e. Mainstem of Dry Creek including all tributaries and wetlands from the source to immediately above the Last Chance Ditch.						
COLCLC04E	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
UP	Aq Life Cold 2 Recreation N	Temperature °C	CS-II	CS-II	Aluminum	---
			acute	chronic	Arsenic	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
Other:		pH	6.5 - 9.0	---	Beryllium	---
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
Copper(ac/ch) = current conditions		E. Coli (per 100 mL)	---	630	Chromium III	TVS
Expiration Date of 12/31/2019		<b>Inorganic (mg/L)</b>			Chromium III(T)	---
			acute	chronic	Chromium VI	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Copper	TVS
*Iron(T)(chronic) = 3500(T) ug/L on unnamed tributary		Boron	---	0.75	Iron(T)	---
and 5900(T) ug/L on Dry Creek, see section 37.6(4)(c) for iron assessment locations.		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.11*	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS

  

4f. Mainstem of Dry Creek including all tributaries and wetlands from a point immediately above the Last Chance Ditch to the confluence with the Colorado River.						
COLCLC04F	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
Reviewable	Aq Life Cold 1 Recreation N	Temperature °C	CS-II	CS-II	Aluminum	---
			acute	chronic	Arsenic	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---
Other:		pH	6.5 - 9.0	---	Beryllium	---
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
Copper(ac/ch) = current conditions		E. Coli (per 100 mL)	---	630	Chromium III	TVS
Expiration Date of 12/31/2019		<b>Inorganic (mg/L)</b>			Chromium III(T)	---
			acute	chronic	Chromium VI	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.11*	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.