

**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/~~2020~~2021

## Abbreviations and Acroynms

Aq	=	Aquatic
°C	=	degrees Celsius
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
D.O.	=	dissolved oxygen
DM	=	daily maximum temperature
DUWS	=	direct use water supply
E. coli	=	<i>Escherichia coli</i>
mg/L	=	milligrams per liter
mg/m <sup>2</sup>	=	milligrams per square meter
mL	=	milliliter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters
sc	=	sculpin
SSE	=	site-specific equation
T	=	total recoverable
t	=	total
tr	=	trout
TVS	=	table value standard
µg/L	=	micrograms per liter
UP	=	use-protected
WS	=	water supply
WS-I	=	warm stream temperature tier one
WS-II	=	warm stream temperature tier two
WS-III	=	warm stream temperature tier three
WL	=	warm lake temperature tier

# 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		acute	chronic
UP	Aq Life Cold 2 Recreation N	Temperature °C	CS-II	CS-II	Arsenic	340	---
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	100
<b>Other:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Temporary Modification(s):		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
Copper(ac/ch) = current conditions*		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	---	100
Expiration Date of 6/30/2023		E. Coli (per 100 mL)	---	630	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
*Iron(T)(chronic) = 3500(T) ug/L on unnamed tributary and 5900(T) ug/L on Dry Creek, see section 37.6(4)(c) for iron assessment locations.			<b>acute</b>	<b>chronic</b>	Iron(T)	---	varies*
*Uranium(acute) = See 37.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Boron	---	0.75	Manganese	TVS	TVS
*TempMod: Copper = Adopted 6/9/2008		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	0.05	---	Silver	TVS	TVS
		Phosphorus	---	0.11*	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

  

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		acute	chronic
Reviewable	Aq Life Cold 1 Recreation N	Temperature °C	CS-II	CS-II	Arsenic	340	---
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	7.6
<b>Other:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Temporary Modification(s):		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
Copper(ac/ch) = current conditions*		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	---	100
Expiration Date of 6/30/2023		E. Coli (per 100 mL)	---	630	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.			<b>acute</b>	<b>chronic</b>	Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
*TempMod: Copper = Adopted 12/14/2020		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	0.05	---	Silver	TVS	TVS
		Phosphorus	---	0.11*	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

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 further details on applied standards.