

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

5 CCR 1002-32

**REGULATION NO. 32
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
ARKANSAS RIVER BASIN**

**APPENDIX 32-1
Stream Classifications and Water Quality Standards Tables**

Effective ~~06/30/2020~~02/14/2021

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>
EQ	=	existing quality
mg/L	=	milligrams per liter
mg/m ²	=	milligrams per square meter
mL	=	milliliter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters
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 #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Arkansas River Basin

20b. Mainstem of Fourmile Creek, including all tributaries and wetlands, from the confluence with Long Gulch to the confluence with the Arkansas River.						
COARUA20B	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT		
Reviewable					acute	chronic
	Agriculture					
	Aq Life Cold 1	Temperature °C	varies*	varies*	Arsenic	340
	Recreation E		acute	chronic	Arsenic(T)	---
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0
Other:		pH	6.5 - 9.0	---	Chromium III	---
<u>Temporary Modification(s):</u>		chlorophyll a (mg/m ²)	---	150*	Chromium III(T)	50
<u>Arsenic(chronic) = hybrid</u>		E. Coli (per 100 mL)	---	126	Chromium VI	TVS
<u>Expiration Date of 12/31/2024</u>					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Lead(T)	50
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Nickel(T)	---
					Selenium	TVS
					Silver	TVS
					Uranium	varies*
					Zinc	TVS

*chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 32.5(4).
 *Phosphorus(chronic) = applies only above the facilities listed at 32.5(4).
 *Sulfate(chronic) = Dissolved standards applicable at the point of withdraw.
 *Manganese(chronic) = Dissolved standards applicable at the point of withdraw.
 *Uranium(acute) = See 32.5(3) for details.
 *Uranium(chronic) = See 32.5(3) for details.
 *Temperature =
 DM=13 and MWAT=9.4 from 11/1-2/29
 DM= 28.1 and MWAT=22 from 3/1-10/31

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 32.6 for further details on applied standards.