

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Roaring Fork River Basin

11. All lakes and reservoirs within the Maroon Bells/Snowmass, Holy Cross, Raggeds, Collegiate Peaks and Hunter/Fryingpan Wilderness Areas.								
COUCRF11	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
OW	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	---
		Inorganic (mg/L)				Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS	WS
		Boron	---	0.75	Iron(T)	---	1000	1000
		Chloride	---	250	Lead	TVS	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160	160
		Nitrite	---	0.05	Nickel	TVS	TVS	TVS
		Phosphorus	---	0.025*	Selenium	TVS	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---	---
					Zinc	TVS	TVS	TVS
12. All lakes and reservoirs tributary to the Roaring Fork River except for specific listings in Segment 11.								
COUCRF12	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	20.3* ^B	Aluminum	---	---
	Recreation E	Temperature °C	CL,CLL	CL,CLL		Arsenic	340	---
	Water Supply		acute	chronic		Arsenic(T)	---	0.02
	DUWS*	D.O. (mg/L)	---	6.0	Beryllium	---	---	
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium	TVS(tr)	TVS	
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Classification: DUWS Applies only to Leonard Thomas Res and Wildcat Res *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Temperature(4/1 - 12/31) = Ruedi Res (MWAT=20.3)		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---	
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	TVS
		Inorganic (mg/L)				Copper	TVS	TVS
			acute	chronic	Iron	---	WS	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000	1000
		Boron	---	0.75	Lead	TVS	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160	160
		Nitrate	10	---	Nickel	TVS	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS	TVS
		Phosphorus	---	0.025*	Silver	TVS	TVS(tr)	TVS(tr)
		Sulfate	---	WS	Uranium	---	---	---
		Sulfide	---	0.002	Zinc	TVS	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 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.