

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Yampa River Basin

13b. Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek.

COUCYA13B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
Reviewable	Aq Life Warm 1 Recreation E	Temperature °C	WS-II WS-II	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other: Temporary Modification(s): Selenium(chronic) = current conditions* Expiration Date of 12/31/2022 *Iron(T)(chronic) = 2,090(T) ug/L for Middle Creek. See section 33.6(4) for iron assessment locations. *Iron(T)(chronic) = See section 33.6(4) for iron assessment locations. *TempMod: Selenium = for Foidel and Middle Creeks.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6	
	D.O. (spawning)	---	7.0	Beryllium	---	---	
	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
	chlorophyll a (mg/m2)	---	150	Chromium III	TVS	TVS	
	E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
	acute	chronic	Copper	TVS	TVS		
	Ammonia	TVS	TVS	Iron(T)	3/1 - 6/30	---	2090*
	Boron	---	0.75	Iron(T)	---	---	1000*
	Chloride	---	---	Lead	TVS	TVS	
	Chlorine	0.019	0.011	Manganese	TVS	TVS	
	Cyanide	0.005	---	Mercury	---	0.01(t)	
	Nitrate	100	---	Molybdenum(T)	---	160	
	Nitrite	---	0.05	Nickel	TVS	TVS	
	Phosphorus	---	0.11	Selenium	TVS	TVS	
Sulfate	---	---	Silver	TVS	TVS(tr)		
Sulfide	---	0.002	Uranium	---	---		
			Zinc	TVS	TVS		

13c. Mainstem of Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to its confluence with Fish Creek. All tributaries to Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to County Road 179 except for specific listings in 13b.

COUCYA13C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
Reviewable	Aq Life Cold 1 Recreation E Water Supply 6/1 - 2/29	Temperature °C	CS-II CS-II	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other: Temporary Modification(s): Arsenic(chronic) = hybrid 6/1 - 2/29 Expiration Date of 12/31/2021 *Nitrate(acute) = 10 mg/L from 6/1 - 2/29 *Arsenic(T)(chronic) = 0.02(T) ug/L from 6/1 - 2/29 *Chromium III(acute) = 50(T) ug/L from 6/1 - 2/29 *Manganese(chronic) = WS from 6/1 - 2/29	D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6*	
	D.O. (spawning)	---	7.0	Beryllium	---	---	
	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
	chlorophyll a (mg/m2)	---	150	Chromium III	TVS*	TVS	
	E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
	acute	chronic	Copper	TVS	TVS		
	Ammonia	TVS	TVS	Iron	6/1 - 2/29	---	WS
	Boron	---	0.75	Iron(T)	---	---	1000
	Chloride	6/1 - 2/29	---	Lead	TVS	TVS	
	Chlorine	0.019	0.011	Manganese	TVS	TVS*	
	Cyanide	0.005	---	Mercury	---	0.01(t)	
	Nitrate	100*	---	Molybdenum(T)	---	160	
	Nitrite	---	0.05	Nickel	TVS	TVS	
	Phosphorus	---	0.11	Selenium	TVS	TVS	
Sulfate	6/1 - 2/29	---	Silver	TVS	TVS(tr)		
Sulfide	---	0.002	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 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.