COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2019

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

COSJLP06C	Classifications	Physical and	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
OW	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6	
Other:		рН	6.5 - 9.0		Beryllium			
		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS	
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS	
		Inorgan	Inorganic (mg/L)				100	
			acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		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)			
		Nitrite	0.05		Nickel	TVS	TVS	
		Phosphorus		0.17	Selenium	TVS	TVS	
		Sulfate			Silver	TVS	TVS	
		Sulfide		0.002	Uranium			
					Zinc	TVS	TVS	

7a. Mainstem of McElmo Creek from the source to the confluence with Alkali Canyon. Mainstem of Yellow Jacket Creek, including all tributaries and wetlands, from the source to the confluence with McElmo Creek.

COSJLP07A Classifications		Physical and Biological				Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6	
Other: Temporary Modification(s): Ammonia(ac/ch) = current conditions Expiration Date of 6/30/2020		рН	6.5 - 9.0		Beryllium			
		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS	
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS	
		Inorganic (mg/L)			Chromium III(T)		100	
*chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 34.5(5). *Phosphorus(chronic) = applies only above the facilities listed at 34.5(5).			acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		Boron		0.75	Iron(T)		2200	
		Chloride			Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS	
		Cyanide	0.005		Mercury		0.01(t)	
		Nitrate	100		Molybdenum(T)		150	
		Nitrite	0.05		Nickel	TVS	TVS	
		Phosphorus		0.17*	Selenium	TVS	TVS	
		Sulfate			Silver	TVS	TVS	
		Sulfide		0.002	Uranium			
					Zinc	TVS	TVS	

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS La Plata River, Mancos River, McElmo Creek and San Juan River in Montezuma County and Dolores County

9. Unnamed tr	Classifications	T ,	Diologics!			lotale (ug/! \	
COSJLP09 Classifications Designation Agriculture		Physical and		BANA/A T	N	letals (ug/L)	ab=!-
UP UP	Agriculture Ag Life Warm 2	T	DM	MWAT	A I	acute	chronic
UP	Recreation E	Temperature °C	WS-III	WS-III chronic	Aluminum		
Qualifiers:	INECIGATION E	D.O. (mg/L)	acute		Arsenic (T)	340	100
		pH	6.5 - 9.0	5.0	Arsenic(T)		100
Other:		chlorophyll a (mg/m²)	0.5 - 9.0	150*	Beryllium	 TVO	TV0
Temporary Modification(s):					Cadmium	TVS	TVS
Ammonia(ac/ch) = current conditions		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
Expiration Date of 6/30/2020 *chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 34.5(5). *Phosphorus(chronic) = applies only above the facilities listed at 34.5(5).		Inorgan	ic (mg/L)		Chromium III(T)	 T) (0	100 TV0
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)	 TV0	1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)	 TV0	150 TV0
		Nitrite	0.05		Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		250	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
10 All tributor	ies to the San Juan River in Montezum	a Dalaras and San Migual Coun	tion including all w	otlanda ayaa	Zinc	TVS	TVS
Segments 10b		a Dolores and San Miguel Coun	iles, including all w	eliarius, exce	prior the specific listings in	Segments 2 through	oc and
COSJLP10	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C					
		Tomporature 6	WS-III	WS-III	Aluminum		
	Recreation E	Tomporator o	WS-III acute	WS-III chronic	Aluminum Arsenic	 340	
Qualifiers:	Recreation E	D.O. (mg/L)					 7.6
Qualifiers: Other:	Recreation E	·	acute	chronic	Arsenic	340	
Other:		D.O. (mg/L)	acute 	chronic 5.0	Arsenic Arsenic(T)	340	7.6
Other: *chlorophyll a	Recreation E (mg/m²)(chronic) = applies only above sted at 34.5(5).	D.O. (mg/L) pH	acute 6.5 - 9.0	chronic 5.0	Arsenic Arsenic(T) Beryllium	340 	7.6
Other: *chlorophyll a the facilities lis *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	5.0 150*	Arsenic Arsenic(T) Beryllium Beryllium(T)	340 	7.6 100
Other: *chlorophyll a the facilities lis	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	5.0 150*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium	340 TVS	7.6 100 TVS
Other: *chlorophyll a the facilities lis*	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	5.0 150* 126	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III	340 TVS TVS	7.6 100 TVS TVS
Other: *chlorophyll a the facilities lis*	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	acute 6.5 - 9.0 ic (mg/L) acute	5.0 150* 126 chronic	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	340 TVS TVS	7.6 100 TVS TVS 100
Other: *chlorophyll a the facilities lis*	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI	340 TVS TVS TVS	7.6 100 TVS TVS 100 TVS
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	340 TVS TVS TVS TVS	7.6 100 TVS TVS 100 TVS TVS
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 150* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	340 TVS TVS TVS TVS	7.6 100 TVS TVS 100 TVS TVS 100 TVS
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 5.0 150* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead	340 TVS TVS TVS TVS TVS TVS TVS TVS	7.6 100 TVS TVS 100 TVS TVS 100 TVS
Other: *chlorophyll a the facilities lis*	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 5.0 150* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	340 TVS TVS TVS TVS TVS TVS TVS TVS	7.6 100 TVS TVS 100 TVS TVS 1000 TVS TVS
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 5.0 150* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury	340 TVS	7.6 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t)
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150
Other: *chlorophyll a the facilities lis* *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 126 chronic TVS 0.75 0.011 0.17*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	340 TVS	7.6 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
Other: *chlorophyll a the facilities lis*	(mg/m²)(chronic) = applies only above sted at 34.5(5). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 150* 126 chronic TVS 0.75 0.011 0.17*	Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	340 TVS	7.6 100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS TVS