COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2019

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Gunnison River Basin

21. Mainstem							20.
COGUUG21	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		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 (mg/m²)		150	Cadmium(T)	5.0	
Temporary Modification(s): Arsenic(chronic) = hybrid		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2021		,			Chromium III(T)	50	
Uranium(chronic) = current condition*		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Expiration Date of 12/31/2022		inor gan	acute	chronic	Copper	TVS	TVS
*TempMod: Uranium = Mainstem of Marshall Creek from the confluence with Indian Creek to the		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
onfluence wit	th Tomichi Creek				Lead	TVS	TVS
		Chloride	0.010	250	Lead(T)	50	170
		Chlorine	0.019	0.011	` '		TVOANO
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite	0.05		Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Uranium(T)		16.8-30 ^A
	of Gold Creek from Browns Gulch to t				Uranium(T)	 TVS	16.8-30 ^A
COGUUG22	Classifications	he confluence with Quartz Creek Physical and	Biological	MWAT	Uranium(T)	TVS Metals (ug/L)	16.8-30 ^A TVS
COGUUG22 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Uranium(T) Zinc	TVS Metals (ug/L) acute	16.8-30 A
COGUUG22 Designation	Classifications Agriculture Aq Life Cold 1		Biological DM CS-I	CS-I	Uranium(T) Zinc Aluminum	TVS Metals (ug/L) acute	16.8-30 A TVS chronic
COGUUG22 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	CS-I chronic	Uranium(T) Zinc Aluminum Arsenic	TVS Metals (ug/L) acute 340	16.8-30 A TVS chronic
COGUUG22 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	CS-I chronic 6.0	Uranium(T) Zinc Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute 340	16.8-30 A TVS chronic 0.02
COGUUG22 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	CS-I chronic	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute 340	16.8-30 A TVS chronic 0.02
Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340 TVS(tr)	16.8-30 A TVS chronic 0.02 TVS
COGUUG22 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	16.8-30 A TVS chronic 0.02 TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	16.8-30 A TVS chronic 0.02 TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50	16.8-30 A TVS chronic 0.02 TVS TVS
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	16.8-30 A TVS chronic 0.02 TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150 126	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50	16.8-30 ^A TVS chronic 0.02 TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	16.8-30 A TVS chronic 0.02 TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	16.8-30 A TVS chronic 0.02 TVS TVS TVS TVS WS 1000
coguug22 Designation Reviewable Dualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	16.8-30 A TVS chronic 0.02 TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	16.8-30 A TVS Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	16.8-30 A TVS Chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	16.8-30 A TVS Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS 50 TVS	16.8-30
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	16.8-30 A TVS chronic 0.02 TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	16.8-30 A TVS Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.11	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	16.8-30 f TVS chronic 0.02 TVS TVS TVS S TVS US 1000 TVS TVS/WS 0.01(t) 150 TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.11 WS	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	16.8-30 A TVS chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 1000
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.11 WS	Uranium(T) Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	16.8-30 A TVS Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 150 TVS 100 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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.