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 12/31/2017

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

1. All tributaries to the Gunnison River, including and wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Raggeds, Fossil Ridge, or Uncompahgre Wilderness Areas.

COGUUG01	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.02	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

2. All tributaries and wetlands from Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Morrow Point Reservoir, or the Gunnison River, excluding Steuben Creek, Willow Creek, and Soap Creek and their tributaries.

COGUUG02	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.02	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

3. Deleted.

COGUUG03	Classifications
Designation	
Qualifiers:	
Other:	

Physical and Biological		
	DM	**MWAT**
	acute	**chronic**
Inorganic (mg/L)		
	acute	**chronic**

Metals (ug/L)		
	acute	**chronic**

4. Mainstem of the Taylor River, including all tributaries and wetlands, from the source to the confluence with the Gunnison River, except for specific listings in Segment 1.

COGUUG04	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	
Temporary Modification(s):	
Arsenic(chronic) = hybrid	
Expiration Date of 12/31/2021	

Physical and Biological		
	DM	**MWAT**
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

5a. Mainstem of the East River, including all tributaries and wetlands, from its source to a point immediately above the confluence with the Slate River, except for specific listings in Segment 1.

COGUUG05A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

5b. Mainstem of the East River from a point immediately above the Slate River to the confluence with the Gunnison River.

COGUUG05B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

6a. All tributaries to the East River from a point immediately above its confluence with the Slate River to its confluence with the Gunnison River, except for specific listings in Segments 6b and 6c.

COGUUG06A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation U

Qualifiers:

Other:

Physical and Biological		
	DM	**MWAT**
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

6b. Cement Creek and all its tributaries and wetlands from the source to a point immediately above the confluence with Horse Basin Creek.

COGUUG06B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological		
	DM	**MWAT**
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

6c. Cement Creek, including all tributaries and wetlands, from a point immediately above the confluence with Horse Basin Creek to the confluence with the East River.

COGUUG06C	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

7. Mainstem of the Slate River from its source to a point immediately above the confluence with Coal Creek.

COGUUG07	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

8. Mainstem of the Slate River from a point immediately above the confluence with Coal Creek to the confluence with the East River.

COGUUG08	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Temperature = summer criteria apply from 6/1-10/15

Physical and Biological

	DM	MWAT
Temperature °C	CS-I*	CS-I* [C]
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

9. All tributaries and wetlands to the Slate River except for specific listings in Segments 1, 10a, 10b, 11, 12 and 13.

COGUUG09	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	210
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

10a. Mainstem of Oh-Be-Joyful Creek from the boundary of the Raggeds Wilderness Area to the confluence with the Slate River.

COGUUG10A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	8.6
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

10b. All tributaries, including wetlands, to Redwell Creek.

COGUUG10B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	407
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

11. Mainstem of Coal Creek from a point immediately above the confluence with Elk Creek to a point immediately above the Keystone Mine discharge (38.867117, -107.023627). Elk Creek and its tributaries and wetlands from its source to its confluence with Coal Creek.

COGUUG11	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	210
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

12. Mainstem of Coal Creek, including all tributaries and wetlands from a point immediately above the Keystone Mine discharge (38.867117, -107.023627) to the confluence with the Slate River, with the exception of Wildcat Creek.

COGUUG12	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Cadmium(ac/ch) = 3.5/2.79* 4/1 - 6/30

Copper(ac/ch) = current condition* 4/1 - 6/30

Zinc(chronic) = 576* 4/1 - 6/30

Expiration Date of 12/31/2022

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

*TempMod: Cadmium(4/1 - 6/30) = Coal Creek

*TempMod: Copper(4/1 - 6/30) = Coal Creek

*TempMod: Zinc(4/1 - 6/30) = Coal Creek

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I

	acute	chronic
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/191
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

13. Mainstem of Woods Creek from the source to the confluence with Washington Gulch.

COGUUG13	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E
	Water Supply

Qualifiers:

Water + Fish Standards

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

14. Mainstem of the Gunnison River from its inception at the confluence of the East and Taylor rivers to the inlet of Blue Mesa Reservoir.

COGUUG14	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

15a. All tributaries and wetlands to the Gunnison River from its inception at the confluence of the East and Taylor Rivers to the County Road 32 road crossing near the inlet of Blue Mesa Reservoir except for the specific listings in Segments 1, 15b, 16a, 16b, 17 through 24, and 26.

COGUUG15A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation U
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1950
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

15b. South Beaver Creek, including all tributaries and wetlands, from the source to the Saguache/Gunnison County line.

COGUUG15B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

16a. Mainstem of Ohio Creek, from the source to a point immediately below 7 Road. All tributaries to Ohio Creek, except for specific listings in Segment 1.

COGUUG16A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

16b. Mainstem of Ohio Creek from a point immediately below 7 Road to the confluence with the Gunnison River.

COGUUG16B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

*Temperature = summer criteria apply from 4/16 - 11/15

Physical and Biological

	DM	MWAT
Temperature °C	CS-I*	CS-I*
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

17a. West Antelope Creek, including all tributaries and wetlands, from the source to the confluence with Antelope Creek.

COGUUG17A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

17b. Mainstem of Antelope Creek, including all tributaries and wetlands, from the source to the confluence with the Gunnison River, excluding the listings in Segment 17a.

COGUUG17B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

18a. Mainstem of Tomichi Creek and its wetlands from the source to the confluence with Porphyry Creek.

COGUUG18A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

18b. Mainstem of Tomichi Creek and its wetlands from the confluence with Porphyry Creek to the confluence with the Gunnison River.

COGUUG18B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Temperature(4/1 - 10/31) = See temperature assessment locations at 35.6(6).

Physical and Biological

		DM	MWAT
Temperature °C	11/1 - 3/31	CS-II	CS-II
Temperature °C	4/1 - 10/31	CS-II	18.9* [C]
		acute	**chronic**
D.O. (mg/L)		---	6.0
D.O. (spawning)		---	7.0
pH		6.5 - 9.0	---
chlorophyll a (mg/m^2)		---	150
E. Coli (per 100 mL)		---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

19. All tributaries to Tomichi Creek, including wetlands, which are within the boundaries of the Gunnison National Forest, except for specific listings in Segments 20 through 24. Mainstems of Barret, Razor, and Quartz Creeks from their sources to their confluences with Tomichi Creek. Hot Springs Creek from its source to the inlet of Hot Springs Reservoir.

COGUUG19	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

20. Mainstem of Indian Creek, including all tributaries, from the source to the confluence with Marshall Creek.

COGUUG20	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*Uranium(acute) = lowest practical level

*Uranium(chronic) = lowest practical level

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	LPL*	LPL*
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

21. Mainstem of Marshall Creek, including all tributaries and wetlands, from the source to the confluence with Tomichi Creek, except for specific listings in Segment 20.

COGUUG21	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Uranium(chronic) = current condition*

Expiration Date of 12/31/2022

*TempMod: Uranium = Mainstem of Marshall Creek from the confluence with Indian Creek to the confluence with Tomichi Creek

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Uranium(T)	---	16.8-30 [A]
Zinc	TVS	TVS

22. Mainstem of Gold Creek from Browns Gulch to the confluence with Quartz Creek.

COGUUG22	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

23. Mainstem of Cochetopa Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with West Pass Creek with the exception of Segment 1.

COGUUG23	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply
Qualifiers:	
Other:	

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

24. Mainstem of Cochetopa Creek from a point immediately below the confluence with West Pass Creek to the confluence with Tomichi Creek.

COGUUG24	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply
Qualifiers:	
Other:	

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

25. The segments of the Gunnison River which interconnect Blue Mesa Reservoir, Morrow Point Reservoir, and Crystal Reservoir.

COGUUG25	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

26. All tributaries, including wetlands, which are tributary to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir, or the segments of the Gunnison River that interconnect those reservoirs, except for specific listings in Segments 1, 2, 29a, 29b, 30, 31, and 32.

COGUUG26	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation U
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

27. Deleted.

COGUUG27 Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute	chronic
Qualifiers:	acute	chronic		
Other:	Inorganic (mg/L)			
	acute	chronic		

28. Deleted.

COGUUG28 Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute	chronic
Qualifiers:	acute	chronic		
Other:	Inorganic (mg/L)			
	acute	chronic		

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.

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

29a. Mainstem of the Lake Fork of the Gunnison including all tributaries and wetlands, from the source to a point immediately above the confluence with Eaton Creek. Cebolla Creek, including all tributaries and wetlands, from the source to the Hinsdale/Gunnison County line. Powderhorn Creek, including all tributaries and wetlands, from the source to the confluence with Cebolla Creek. This segment excludes the specific listings in Segments 1, 29b, 30, 31, and 32.

COGUUG29A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

29b. Mainstem of the Lake Fork of the Gunnison, including all tributaries and wetlands, from a point immediately above the confluence with Eaton Creek, to Blue Mesa Reservoir. Cebolla Creek, including all tributaries and wetlands, from the Hinsdale/Gunnison County line, to Blue Mesa Reservoir, excluding the listings in Segment 29a.

COGUUG29B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

30. Mainstem of Henson Creek, including all tributaries and wetlands, from the source to the confluence with the Lake Fork of the Gunnison, except for the specific listings in Segments 31 and 32.

COGUUG30	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

31. Mainstem of Palmetto Gulch Creek including all tributaries.

COGUUG31	Classifications
Designation	Agriculture
UP	Aq Life Cold 2
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

32. North Fork of Henson Creek including all tributaries and wetlands, from its source to the confluence with Henson Creek, except for specific listings in Segment 1.

COGUUG32	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

33. All lakes and reservoirs that are tributary to the Gunnison River and within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Raggeds, Fossil Ridge, or Uncompahgre Wilderness Areas.

COGUUG33	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.02	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

34. All lakes and reservoirs tributary to the Taylor River and the East River, from their sources to their confluence at the inception of the Gunnison River, excluding the listings in Segments 33, 35 and 37. This segment includes Meridian Lake, Nicholson Lake, Peanut Lake, Glazer Reservoir (38.874441, -106.999868), Lake Grant, Lily Pond, Pothole Reservoirs 1 and 2, Texas Lake, Mirror Lake, and Spring Creek Reservoir.

COGUUG34	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Glazer Reservoir only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

35. All lakes and reservoirs tributary to Redwell Creek.

COGUUG35	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	---	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	8
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

36. All lakes and reservoirs tributary to the Gunnison River from its inception at the confluence of the Taylor and East Rivers, to the inlet of Blue Mesa Reservoir, excluding the listings in Segment 33. This segment includes Kenny Moore Reservoir, Hot Springs Reservoir, Needle Creek Reservoir, Vouga Reservoir, Moss Lake, Dome Lakes, and McDonough Reservoirs 1 and 2.

COGUUG36	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

37. All lakes and reservoirs tributary to Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect them, excluding the listings in Segments 33 and38. This segment includes Fish Creek Reservoirs 1 and 2, Hampton Lake, High Park Lake, Watson Lake, Butte Lake, Swanson Lake, Fitzpatrick Lake, Evergreen Lake (38.325447, -107.365786), Dry Lake, Devils Lake, Powderhorn Lakes, Soderquist Reservoir, Rainbow Lake, Cataract Lake, Castle Lakes, Crystal Lake, and Waterdog Lake.

COGUUG37	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Evergreen Lake only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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

38. Lake San Cristobal, Taylor Park Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir, and Silver Jack Reservoir.

COGUUG38	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (ug/L)(chronic) = applies only above the facilities listed at 35.5(4), applies only to lakes and reservoirs larger than 25 acres surface area.
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4), applies only to lakes and reservoirs larger than 25 acres surface area.
*Temperature(4/1 - 12/31) = Lake San Cristobal, Taylor Park Reservoir, and Blue Mesa Reservoir MWAT=16.6
All others MWAT=CLL

Lake San Cristobal, Taylor Park Reservoir, and Blue Mesa Reservoir DM=24.2
All others DM=CLL

Physical and Biological

		DM	MWAT
Temperature °C	1/1 - 3/31	CLL	CLL
Temperature °C	4/1 - 12/31	varies*	varies*

	acute	chronic
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

1. All tributaries to North Fork of the Gunnison River, including all wetlands, within the West Elk or Raggeds Wilderness Areas.

COGUNF01	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

2. Mainstem of North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Anthracite Creek to the Black Bridge (41.75 Drive) above Paonia.

COGUNF02	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

3. Mainstem of North Fork of the Gunnison River from the Black Bridge (41.75 Drive) above Paonia to the confluence with the Gunnison River.

COGUNF03	Classifications	
Designation	Agriculture	
Reviewable	Aq Life Cold 1	
	Recreation E	4/1 - 9/30
	Recreation P	10/1 - 3/31
	Water Supply	

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Temperature(3/16 - 11/15) = See temperature assessment location at 35.6(6)

Physical and Biological

		DM	MWAT
Temperature °C	11/16 - 3/15	CS-II	CS-II
Temperature °C	3/16 - 11/15	26.5*	21.9* [C]

		acute	chronic
D.O. (mg/L)		---	6.0
D.O. (spawning)		---	7.0
pH		6.5 - 9.0	---
chlorophyll a (mg/m^2)		---	---
E. Coli (per 100 mL)	10/1 - 3/31	---	205
E. Coli (per 100 mL)	4/1 - 9/30	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

4a. Tributaries and wetlands to Muddy Creek within national forest boundaries. Anthracite Creek, including all tributaries and wetlands, from the source to the confluence with Muddy Creek. All tributaries to the North Fork of the Gunnison from its inception at the confluence of Muddy Creek and Anthracite Creek to the confluence with the Gunnison River within national forest boundaries. This segment excludes the specific listings in Segments 1 and 4c.

COGUNF04A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I

	acute	chronic
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

4b. Muddy Creek, including all tributaries and wetlands, from the national forest boundary to the confluence with Anthracite Creek, except for the specific listings in Segment 1.

COGUNF04B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

4c. All tributaries to Lake Irwin from their sources to the inlet of Lake Irwin.

COGUNF04C	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

5a. Mainstems of Hubbard Creek, Terror Creek, and Minnesota Creek, from the national forest boundary to their confluences with the North Fork of the Gunnison River; mainstem of Jay Creek from its source to its confluence with the North Fork of the Gunnison River.

COGUNF05A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

5b. Mainstem of Roatcap Creek, including all tributaries and wetlands, from the source to the confluence with the North Fork of the Gunnison. Leroux Creek from the national forest boundary to its confluence with the North Fork of the Gunnison River.

COGUNF05B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

6a. All tributaries, including wetlands, to the North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Anthracite Creek to the confluence with the Gunnison River, and not within national forest boundaries, except for the specific listings in Segments 5a, 5b, 6b, and 6c.

COGUNF06A	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation P
Qualifiers:	
Other:	

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

6b. Mainstem and all tributaries to Bear Creek and Stevens Gulch. All tributaries, including wetlands, to the North Fork of the Gunnison River that are north of the North Fork of the Gunnison River, from a point immediately above the confluence with Roatcap Creek to the confluence with the Gunnison River, and are not within national forest boundaries; all tributaries, including wetlands, to the North Fork of the Gunnison River that are south of the North Fork of the Gunnison River, from a point immediately above the confluence with Minnesota Creek to the confluence with the Gunnison River, and are not within national forest boundaries, excluding the specific listings in Segments 5a and 5b.

COGUNF06B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation P
	Water Supply
Qualifiers:	
Water + Fish Standards	
Other:	
Temporary Modification(s):	
Arsenic(chronic) = hybrid	
Expiration Date of 12/31/2021	
*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).	
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).	

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-III	WS-III
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

6c. Thompson Creek from the Gunnison National Forest boundary to its confluence with the North Fork of the Gunnison River.

COGUNF06C	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation P
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

7. Paonia Reservoir and Overland Reservoir.

COGUNF07	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CLL	CLL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

8. All lakes and reservoirs that are tributary to the North Fork of the Gunnison River and within the West Elk or Raggeds Wilderness areas.

COGUNF08	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

9. All lakes and reservoirs tributary to Muddy Creek, Paonia Reservoir, or Anthracite Creek. All lakes and reservoirs tributary to the North Fork of the Gunnison River from its inception at the confluence with Muddy Creek and Anthracite Creek to the confluence with the Gunnison River, and within national forest boundaries, excluding the specific listing in Segments 7 and 8. This segment includes Island Lake, Aspen Leaf Reservoir, Floating Lake, Tomahawk Reservoir, Dollar Lake, Lost Lake, Lost Lake Slough, Lake Irwin, Terror Creek Reservoir, Minnesota Reservoir, Beaver Reservoir, Lone Cabin Reservoir, Todd Reservoir, Holy Terror Reservoir (aka Eagle River Reservoir), Goodenough Reservoir, Dogfish Reservoir, Hilltop Reservoir, Willow Reservoir, Doughty Reservoir, Reynolds Reservoir, Hanson Reservoir, Bailey Reservoir, Owens Reservoir, Gray Reservoir, and Patterson Reservoirs.

COGUNF09	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only above the facilities listed at 35.5(4), applies only to lakes and reservoirs larger than 25 acres surface area.
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4), applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
North Fork of the Gunnison River Basin

10. All lakes and reservoirs tributary to Roatcap Creek and Jay Creek from their sources to their confluences with the North Fork of the Gunnison River. All lakes and reservoirs tributary to Hubbard Creek, Terror Creek, Minnesota Creek, or Leroux Creek, and are not within national forest boundaries.

COGUNF10	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

11. All lakes and reservoirs tributary to the North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Anthracite Creek to the confluence with the Gunnison River, and not within national forest boundaries, except for the specific listings in Segments 7, 9, and 10. This segment includes Roeber Reservoir.

COGUNF11	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation P
	Water Supply

Qualifiers:

Water + Fish Standards

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.083*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

1. All tributaries to the Uncompahgre River, including all wetlands, which are within the Mt. Sneffels or Uncompahgre Wilderness Areas.

COGUUN01	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

2. Mainstem of the Uncompahgre River from the source (Poughkeepsie Gulch) to a point immediately above the confluence with Red Mountain Creek.

COGUUN02	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3a. Mainstem of the Uncompahgre River from a point immediately above the confluence with Red Mountain Creek to a point immediately above the confluence with Cascade Creek.

COGUUN03A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	7438
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3b. Mainstem of the Uncompahgre River from a point immediately above the confluence with Cascade Creek to a point immediately above the confluence with Dexter Creek.

COGUUN03B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))
*Temperature = Temperature = summer criteria apply from 6/1-10/15

Physical and Biological

	DM	MWAT
Temperature °C	CS-I*	CS-I*
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	2971
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3c. Mainstem of the Uncompahgre River from a point immediately above the confluence with Dexter Creek to a point immediately below the confluence with Dallas Creek.

COGUUN03C	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1793
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3d. Mainstem of the Uncompahgre River from a point immediately below the confluence with Dallas Creek to the inlet of Ridgway Reservoir.

COGUUN03D	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	2053
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3e. Mainstem of the Uncompahgre River from the outlet of Ridgway Reservoir to a point immediately above the outlet of the South Canal near Uncompahgre.

COGUUN03E	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))
*Temperature = summer criteria apply from 4/1-11/15

Physical and Biological

	DM	MWAT
Temperature °C	CS-II*	CS-II* [C]
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

3f. Mainstem of the Uncompahgre River from a point immediately above the outlet of the South Canal to a point immediately above the Highway 90 bridge in Montrose.

COGUUN03F	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

4a. Mainstem of the Uncompahgre River from the Highway 90 bridge at Montrose to Gunnison Road.

COGUUN04A	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

4b. Mainstem of the Uncompahgre River from Gunnison Road to the upstream boundary of Confluence Park.

COGUUN04B	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

4c. Mainstem of the Uncompahgre River from the upstream boundary of Confluence Park to the confluence with the Gunnison River.

COGUUN04C	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E

Qualifiers:

Other:

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1108
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

5. All tributaries to the Uncompahgre River, including all wetlands, from the source to a point immediately below the confluence with Dexter Creek, except for specific listings in Segments 1, 6a, 6b, and 7 through 9.

COGUUN05	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological		
	DM	**MWAT**
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

6a. Mainstem of Red Mountain Creek from the source to immediately above the confluence with the East Fork of Red Mountain Creek.

COGUUN06A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation N
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	630

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

6b. Mainstem of Red Mountain Creek from immediately above the confluence with the East Fork of Red Mountain Creek to the confluence with the Uncompahgre River. All tributaries to Red Mountain Creek within Corkscrew and Champion basins.

COGUUN06B	Classifications
Designation	Agriculture
UP	Recreation N
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
	acute	**chronic**
D.O. (mg/L)	---	3.0
pH	ambient	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	630

Inorganic (mg/L)	acute	chronic
Ammonia	---	---
Boron	---	---
Chloride	---	---
Chlorine	---	---
Cyanide	---	---
Nitrate	---	---
Nitrite	---	---
Phosphorus	---	---
Sulfate	---	---
Sulfide	---	---

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	---	---
Beryllium	---	---
Cadmium	---	---
Chromium III	---	---
Chromium VI	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Mercury	---	---
Molybdenum(T)	---	---
Nickel	---	---
Selenium	---	---
Silver	---	---
Uranium	---	---
Zinc	---	---

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

7. Mainstem of Gray Copper Gulch from the source to the confluence with Red Mountain Creek.

COGUUN07	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation P
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	2338
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/655
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

8. Mainstem of Mineral Creek from the source to the confluence with the Uncompahgre River.

COGUUN08	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation P
	Water Supply

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	---	5
Iron	---	WS
Iron(T)	---	1000
Lead	---	4
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

9. Mainstem of Imogene Creek from its source to its confluence with Sneffels Creek. Mainstem and all tributaries of Sneffels Creek from a point 1.5 miles above its confluence with Imogene Creek at 37.974979, -107.753960 (WGS84) to its confluence with Imogene Creek. Mainstem of Canyon Creek from its inception at the confluence of Imogene Creek and Sneffels Creek to the confluence with the Uncompahgre River.

COGUUN09	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation P

Qualifiers:

Fish Ingestion

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

10a. All tributaries to the Uncompahgre River, including all wetlands, from a point immediately below the confluence with Dexter Creek to the South Canal near Uncompahgre, except for specific listings in Segments 1, 10b, and 11.

COGUUN10A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

10b. Mainstem of Kettle Gulch from the road crossing at 38.101201, -107.75949 to the County Road 23 crossing.

COGUUN10B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

11. Mainstem of Coal Creek from the source to the Park Ditch, mainstem of Dallas Creek from the source of the East and West Forks to the confluence with the Uncompahgre River; mainstem of Cow Creek from the Uncompahgre Wilderness Area boundary to a point immediately below the confluence with Nate Creek, tributaries to Cow Creek from the Uncompahgre Wilderness Area boundary to the confluence with the Uncompahgre River; mainstems of Billy Creek, Onion Creek and Beaton Creek from their sources to their confluences with Uncompahgre River; mainstem of Beaver Creek from the source to the confluence with the East Fork of Dallas Creek; and mainstem of Pleasant Valley Creek from the source to the confluence with Dallas Creek.

COGUUN11	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

12. All tributaries to the Uncompahgre River, including all wetlands, from the South Canal near Uncompahgre to the confluence with the Gunnison River, except for specific listings in Segments 13, 14, 15a and 15b.

COGUUN12	Classifications
Designation	Agriculture
UP	Aq Life Warm 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1400
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

13a. Mainstem of East Fork Dry Creek and Pryor Creek from their sources to the national forest boundary; West Fork Dry Creek from its source to its confluence with East Fork Dry Creek; mainstem of West Fork Spring Creek and Middle Spring Creek from their sources to their confluence, and mainstem of Mexican Gulch from the source to the Section line dividing Section 19 and 30, T49N, R9W.

COGUUN13A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

13b. Mainstem of East Fork Dry Creek from the national forest boundary to its confluence with West Fork Dry Creek. Pryor Creek from the national forest boundary to its confluence with East Fork Dry Creek. Mainstem of Spring Creek from the source to a point immediately below the confluence with Devinny Canyon.

COGUUN13B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

13c. Mainstem of Spring Creek from a point immediately below the confluence with Devinny Canyon to Popular Road at the mouth of Spring Canyon.

COGUUN13C	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

14. East and West Forks of Horsefly Creek, including all tributaries and wetlands, from their sources to a point immediately above their confluence. Happy Canyon Creek, including all tributaries and wetlands, from the source to the most downstream national forest boundary.

COGUUN14	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation P
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

15a. Mainstem of Happy Canyon from a point immediately below the West Canal to the confluence with the Uncompahgre River; mainstem of Horsefly Creek from a point immediately below the confluence with Wildcat Canyon to the confluence with the Uncompahgre River.

COGUUN15A	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation P
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

15b. Mainstem of Dry Creek from the confluence of the East and West Forks to immediately above the confluence with Coalbank Canyon Creek.

COGUUN15B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation E

Qualifiers:

Other:

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

16. All lakes and reservoirs tributary to the Uncompahgre River and within the Mt. Sneffels or Uncompahgre Wilderness Areas.

COGUUN16	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological		
	DM	**MWAT**
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/50
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

17. All lakes and reservoirs tributary to the Uncompahgre River from the source to a point immediately below the confluence with Dexter Creek, except for specific listings in Segment 16. This segment includes Lake Como, Ptarmigan Lake, Crystal Lake, and Lake Lenore.

COGUUN17	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

18. All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the confluence with Dexter Creek to a point immediately below the South Canal near Uncompahgre, excluding the listings in Segment 16 and 19. All lakes and reservoirs tributary to the East Fork of Dry Creek or the West Fork of Dry Creek from their sources to their confluence. This segment includes Black Lake, Blue Lakes, Ulah Brown Spring, Lake Otonawanda, West Lake, Dry Lake, Elephant Reservoir, Buckhorn Lakes, Silesca Pond and Olathe Reservoirs 1 and 2.

COGUUN18	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Lake Otonawanda only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

19. Ridgway Reservoir.

COGUUN19	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
Qualifiers:	
Other:	

Physical and Biological		
	DM	**MWAT**
Temperature °C	CLL	CLL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	---
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

20. Sweitzer Lake (a.k.a. Garnet Mesa Reservoir).

COGUUN20	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
Qualifiers:	
Other:	

*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.

Physical and Biological		
	DM	**MWAT**
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.083*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Uncompahgre River Basin

21. All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the South Canal near Uncompahgre to the confluence with the Gunnison River, excluding the listings in Segments 18, 20, and 22.

COGUUN21	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation P

Qualifiers:

Fish Ingestion

Other:

*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.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.083*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

22. Fairview Reservoir.

COGUUN22	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation P
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Fairview Reservoir only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.083*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

1. Mainstem of the Gunnison River from the outlet of Crystal Reservoir to Highway 65 (38.772574, -108.002634).

COGULG01	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

2. Mainstem of the Gunnison River from Highway 65 (38.772574, -108.002634) to the confluence with the Colorado River.

COGULG02	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021
Selenium(chronic) = current conditions
Expiration Date of 12/31/2022

Physical and Biological

	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	480
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

3. All tributaries to the Gunnison River, including all wetlands, which are within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork Gunnison River sub-basin, Uncompahgre River sub-basins, and Segments 10, 11a, 11b, and 12.

COGULG03	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

4a. All tributaries to the Gunnison River, including all wetlands which are not within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork of the Gunnison River sub-basin, the Uncompahgre River sub-basin, and in Segments 3, 4b, 4c, 5a, 5b, 6a, 6b, 6c, 7, 8a, 8b, 10 and 12.

COGULG04A	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation P
	Water Supply

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	205
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.17*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

4b. All tributaries to Reeder, Hollenbeck, and Juniata Reservoirs, and the mainstem of Kannah Creek below the point of diversion for public water supply (38.961321, -108.229830).

COGULG04B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

4c. Mainstem of Red Rock Creek from the boundary of Black Canyon of the Gunnison National Park to the confluence of the Gunnison River.

COGULG04C	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-III	WS-III
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

5a. Mainstem of North Fork Escalante Creek from the national forest boundary to the confluence with Escalante Creek.

COGULG05A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

5b. Mainstem of Roubideau Creek from the national forest boundary to the confluence with Potter Creek; mainstem of Monitor Creek from the national forest boundary to the confluence with Potter Creek, Potter Creek from Monitor Creek to the confluence with Roubideau Creek.

COGULG05B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

6a. Mainstem of Escalante Creek from the national forest boundary to the Delta/Montrose County line (38.668215, -108.328144); mainstem of Little Dominguez from the national forest boundary to Big Dominguez Creek; mainstem of Big Dominguez from the national forest boundary to the Gunnison River.

COGULG06A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
Zinc	TVS	TVS

06b. Mainstem of Roubideau Creek from Potter Creek to the Gunnison River. Mainstem of East Creek from the source to the Gunnison River.

COGULG06B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E

Qualifiers:

Other:

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.17*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

06c. Mainstem of Escalante Creek from the Delta/Montrose County line (38.668215, -108.328144) to the Gunnison River.

COGULG06C	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

7a. Mainstem of Ward Creek, from the national forest boundary to the confluence with Dirty George Creek.

COGULG07A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation P
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

7b. Mainstem of Surface Creek from the point of diversion of water supply (38.965216, -107.876031) to the confluence with Tongue Creek; mainstem of Tongue Creek from its inception at the confluence of Ward Creek and Dirty George Creek to the confluence with the Gunnison River; mainstem of Youngs Creek from the national forest boundary to the confluence with Kiser Creek; mainstem of Kiser Creek from the national forest boundary to the confluence with Ward Creek.

COGULG07B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation P
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

8a. Mainstem of Surface Creek, including all tributaries, from the national forest boundary to the point of diversion for public water supply (38.965216, -107.876031).

COGULG08A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

*Manganese(chronic) = WS, TVS and 1000 ug/L

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	varies*
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

8b. Mainstem of Kannah Creek, including all tributaries, from the national forest boundary to the point of diversion for public water supply (38.961321, -108.229830).

COGULG08B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*Manganese(chronic) = WS, TVS and 1000 ug/L

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	varies*
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

9. Fruitgrowers Reservoir.

COGULG09	Classifications	
Designation	Agriculture	
UP	Aq Life Warm 2	
	Recreation E	4/1 - 10/31
	Recreation P	11/1 - 3/31

Qualifiers:
Fish Ingestion

Other:

Physical and Biological

		DM	MWAT
Temperature °C		WL	WL
		acute	**chronic**
D.O. (mg/L)		---	5.0
pH		6.5 - 9.0	---
chlorophyll a (ug/L)		---	---
E. Coli (per 100 mL)	11/1 - 3/31	---	205
E. Coli (per 100 mL)	4/1 - 10/31	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

10. Mainstem of the Smith Fork from the confluence of the North Smith Fork and South Smith Fork to the confluence with the Gunnison River.

COGULG10	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

11a. All tributaries to the Smith Fork, including all wetlands, which are within national forest boundaries except for specific listings in Segment 11b; Doug Creek from the source to the confluence with Muddy Creek.

COGULG11A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

11b. All tributaries to the Smith Fork, including all wetlands, which are within the West Elk Wilderness Area.

COGULG11B	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

12. All tributaries to the Smith Fork, including all wetlands, which are not within national forest boundaries, except for the specific listing in Segment 11a.

COGULG12	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation P
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-III	WS-III
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

13. Crawford Reservoir.

COGULG13	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.083*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

14. All lakes and reservoirs tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and within national forest boundaries, excluding listings in the North Fork of the Gunnison River sub-basin, the Uncompahgre River sub-basin, and Segments 15, 17 and 18. This segment includes Trickle Reservoir, Hale Reservoir, Marcott Park Reservoir, Cherry Lane Reservoir, Cole Reservoirs, Cedar Mesa Reservoir, Kehmeier Reservoir, Weir and Johnson Reservoir, Bonita Reservoir, Blanche Park Reservoir, Vela Reservoir, Knox Reservoir, Military Park Reservoir, Eureka Park Reservoir, Carbonate Park Reservoirs, Prebble Reservoir, Youngs Creek Reservoirs, Kiser Reservoir, Donnely Reservoir, Kiser Slough Reservoir, Baron Lake, Upper Eggleston Lake, Upper Hotel Lake, Hotel Lake, Arch Slough, Alexander Lake, Deep Ward Lake, Kennicott Slough Reservoir, Womack Reservoirs, Deep Slough Reservoir, Scotland Peak Reservoir, Boulder Lake Reservoir, Basin Reservoir 1, Clear Lake, Granby Reservoirs, Dugger Reservoir, Carson Lake, Crane Lake, Flowing Park, Blue Lake, Chambers Reservoir, Scales Lakes, Grand Mesa Reservoirs, Anderson Reservoirs, Bolen Reservoir, Bolen-Anderson-Jacobs Reservoir 2, Hollenbeck Reservoir 2, Cliff Lake Reservoir, Lee Reservoirs, Lone Pine Reservoirs, Bullfrog Reservoir, Twin Lake, Harry White Reservoirs, Beaver Dam Reservoir, and Fruita Reservoirs 1 and 2.

COGULG14	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5-9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

15. Island Lake, Eggleston Lake, and Trickle Park Reservoir (aka Park Reservoir).

COGULG15	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CLL	CLL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5-9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

16. All lakes and reservoirs that are tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and not within national forest boundaries, excluding the listings in the North Fork of the Gunnison sub-basin, the Uncompahgre River sub-basin, and Segments 9, 13, and 19. This segment includes Poison Springs Reservoir, Dry Fork Reservoir, Delta Reservoir, Winkler Reservoir, Desert Reservoir, Alkali Reservoir, Cheney Reservoir, Juniata Reservoir, Hallenbeck Reservoir, Reeder Reservoir, Enochs Lake, Gobbo Reservoir, Schrader Reservoir, and King Reservoir.

COGULG16	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Hallenbeck and Juniata Reservoirs only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.083*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

17. All lakes and reservoirs tributary to the Smith Fork, and within national forest boundaries excluding the listings in Segment 18. All lakes and reservoirs tributary to Doug Creek.

COGULG17	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

18. All lakes and reservoirs tributary to the Smith Fork, and are within the West Elk Wilderness Area.

COGULG18	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Gunnison Basin

19. All lakes and reservoirs tributary to the Smith Fork, which are not within national forest boundaries, excluding the listings in Segment 17. This segment includes Gould Reservoir.

COGULG19	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation P
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	205

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.083*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

1. All tributaries, including wetlands, to the San Miguel River that are within the boundaries of the Lizard Head or Mount Sneffels Wilderness Areas.

COGUSM01	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

2. All tributaries and wetlands, to the San Miguel River from its source to a point immediately below the confluence of Leopard Creek, except for specific listings in Segments 1, 6a, 6b, 7 and 8.

COGUSM02	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS/TVS(sc)

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

3a. Mainstem of the San Miguel River from its inception at the confluence of Bridal Veil and Ingram Creeks to a point immediately above the confluence of Marshall Creek.

COGUSM03A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	---	SSE*
Cadmium	SSE*	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	---
Uranium	---	---
Zinc	---	190

3b. Mainstem of the San Miguel River from a point immediately above the confluence of Marshall Creek to a point immediately above the confluence of the South Fork San Miguel River.

COGUSM03B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))
*Temperature = DM=13.9 and MWAT=9 from 10/1-10/31
DM=13 and MWAT=9 from 11/1-3/31
DM=14 and MWAT=9 from 4/1-5/31
DM=21.7 and MWAT=17 from 6/1-9/30

Physical and Biological

	DM	MWAT
Temperature °C	varies*	varies*
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	---	---
Copper	---	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	---	190

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

4a. Mainstem of the San Miguel River from a point immediately above the confluence of the South Fork of the San Miguel River to a point immediately below the CC ditch.

COGUSM04A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

4b. Mainstem of the San Miguel River from a point immediately below the CC ditch to a point immediately below the confluence of Naturita Creek.

COGUSM04B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

		DM	MWAT
Temperature °C	11/1 - 2/29	13	9
Temperature °C	3/1 - 10/31	30.9	23.3
		acute	**chronic**
D.O. (mg/L)		---	5.0
pH		6.5 - 9.0	---
chlorophyll a (mg/m^2)		---	---
E. Coli (per 100 mL)		---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

5a. Mainstem of the San Miguel River from a point immediately below the confluence of Naturita Creek to a point immediately below the confluence of Coal Canyon.

COGUSM05A	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
Zinc	TVS	TVS

5b. Mainstem of the San Miguel River from a point immediately below the confluence of Coal Canyon to its confluence with the Dolores River.

COGUSM05B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
Qualifiers:	
Other:	

Physical and Biological		
	DM	**MWAT**
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)		
	acute	**chronic**
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

6a. Mainstem of Ingram Creek including, all tributaries and wetlands, from the source to the confluence with the San Miguel River.

COGUSM06A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	---	190

6b. Mainstem of Marshall Creek, including all tributaries and wetlands, from the source to the confluence with the San Miguel River.

COGUSM06B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E

Qualifiers:

Other:

*Cadmium(acute) = e^(0.9789*ln(hardness)-3.866)*(1.136672-(ln(hardness)*0.041838))
*Cadmium(chronic) = e^(0.7977*ln(hardness)-3.909)*(1.101672-(ln(hardness)*0.041838))

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	SSE*	---
Cadmium	---	SSE*
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	---	190

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

7. Mainstem of Howard Fork and including tributaries and wetlands, from a point immediately below the confluence of Swamp Gulch to its confluence with the South Fork of the San Miguel River.

COGUSM07	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

8. Mainstem of the South Fork of the San Miguel River from its inception at the confluence of the Howard and Lake Forks to its confluence with the San Miguel River.

COGUSM08	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/80
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

9. All tributaries to the San Miguel River, including all wetlands, from a point immediately below the confluence of Leopard Creek to the Dolores River that are within the boundaries of the Uncompahgre National Forest, except for the listings in Segment 10a.

COGUSM09	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

10a. Mainstem of Tabeguache Creek from its source to the Uncompahgre National Forest boundary.

COGUSM10A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/75
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

10b. Mainstem of Naturita Creek and Tabeguache Creek from the point it exits the Uncompahgre National Forest at the most downstream boundary to the confluence with the San Miguel River.

COGUSM10B	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/75
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

11a. All tributaries to Miramonte Reservoir and West Naturita Creek from their sources to the Uncompahgre National Forest Boundary below Miramonte Reservoir. The mainstems of Beaver and Horsefly Creeks from the Uncompahgre National Forest boundary to their confluences with the San Miguel River.

COGUSM11A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

11b. Mainstem of Saltado Creek from the Uncompahgre National Forest boundary to the confluence with the San Miguel River.

COGUSM11B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

Physical and Biological

	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

12a. All tributaries and wetlands to Naturita Creek. All tributaries and wetlands to the San Miguel River from a point immediately below the confluence with Leopard Creek to a point immediately above Horsefly Creek. This segment excludes the listings in Segments 9, 11a, 11b, 12b, and 12c.

COGUSM12A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E
	Water Supply

Qualifiers:

Water + Fish Standards

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

12b. All tributaries and wetlands to the San Miguel River from a point immediately above Horsefly Creek to the confluence with the Dolores River, excluding the listings in Segments 9, 11a, 12a, and 12c. Maverick Draw, including all tributaries and wetlands, from its source to the confluence with Naturita Creek.

COGUSM12B	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation E
	Water Supply

Qualifiers:

Water + Fish Standards

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.17*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
Zinc	TVS	TVS

12c. Mainstem of Calamity Draw from Lincoln Street in Nucla (38.264075, -108.555087) to the confluence with the San Miguel River.

COGUSM12C	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation E

Qualifiers:

Fish Ingestion

Other:

Discharger Specific Variance(s):

Ammonia(acute) = TVS:no limit

Ammonia(chronic) = TVS:13.8 mg/L 11/1 - 4/30

Ammonia(chronic) = TVS:8.3 mg/L 5/1 - 10/31

Expiration Date of 12/31/2026

*chlorophyll a (mg/m^2)(chronic) = applies only above the facilities listed at 35.5(4).
*Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).
*Variance: Ammonia = see 35.6(4) for details.

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150*
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.17*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

13. All lakes and reservoirs tributary to the San Miguel River that are within the boundaries of the Lizard Head or Mount Sneffels Wilderness Areas.

COGUSM13	Classifications
Designation	Agriculture
OW	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

14. All lakes and reservoirs tributary to the San Miguel River from its source to a point immediately below the confluence of Leopard Creek, except for the specific listings in Segments 13, 15, 16, 17 and 20. This segment includes Lake Hope, Cushman Lake, Alta Lakes, Blue Lake, Mud Lake, and Woods Lake.

COGUSM14	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

15. All lakes and reservoirs tributary to Ingram Creek from the source to the confluence with the San Miguel River. This segment includes Ingram Lake.

COGUSM15	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	TVS	TVS

16. All lakes and reservoirs tributary to Marshall Creek from the source to the confluence with the San Miguel River. This segment includes Thorne Lake.

COGUSM16	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 2
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	---	---
Zinc	---	190

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.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

17. All lakes and reservoirs tributary to the Howard Fork from a point immediately below the confluence of Swamp Gulch to the confluence with the South Fork of the San Miguel River.

COGUSM17	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

18. All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the confluence with the Dolores River, and that are within Uncompahgre National Forest boundaries. This segment includes Hoffman Reservoir, Paxton Reservoir, and Hotchkiss Reservoir.

COGUSM18	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
San Miguel River Basin

19. All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the Dolores River, and not within Uncompahgre National Forest boundaries, excluding the listings in Segment 20. This segment includes Point Reservoir, Palmers Lake, Williams Reservoir, Town Reservoir, and Lilylands Reservoir.

COGUSM19	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Town Reservoir only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological

	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	TVS	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	---	---
Zinc	TVS	TVS

20. Trout Lake, Gurley Reservoir, Cone Reservoir, and Miramonte Reservoir.

COGUSM20	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply
	DUWS*

Qualifiers:

Other:

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
*Classification: DUWS applies to Gurley Reservoir only.
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.

Physical and Biological

	DM	MWAT
Temperature °C	CLL	CLL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

1a. Mainstem of the Dolores River from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to a point immediately above the confluence with Big Canyon Creek near Dove Creek.

COGULD01A	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

		DM	MWAT
Temperature °C	11/1 - 3/22	CS-II	CS-II
Temperature °C	3/23 - 10/31	26.6	23.8

	acute	chronic
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

1b. Mainstem of the Dolores River from a point immediately above the confluence with Big Canyon Creek near Dove Creek to a point immediately above the Highway 141 road crossing near Slick Rock.

COGULD01B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

		DM	MWAT
Temperature °C	11/1 - 3/22	CS-II	9.1
Temperature °C	3/23 - 10/31	27.6	24.7

	acute	chronic
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

2. Mainstem of the Dolores River from the Highway 141 road crossing near Slick Rock to the Colorado/Utah border.

COGULD02	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	---
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	---
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

3a. All tributaries to the Dolores River, including all wetlands, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, except for specific listings in Segments 3b, 3c, 4, 5, and 6.

COGULD03A	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02-10 [A]
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

3b. All tributaries to the Dolores River, including wetlands, that are within national forest boundaries, from the bridge at Bradfield Ranch (Forest Route 505, near the Montezuma/Dolores County Line) to the Colorado/Utah border, excluding the small area of Uncompahgre National Forest within the Disappointment Valley and the listings in Segments 3c and 5. Disappointment Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Morrison Creek.

COGULD03B	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	7.6
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	TVS
Zinc	TVS	TVS/TVS(sc)

3c. Mainstem and all tributaries to Salt Creek, including all wetlands from the source within the Sinbad Valley to the confluence with the Dolores River.

COGULD03C	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 2
	Recreation E

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	WS-III	WS-III
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	6.6
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

4. Mainstem of West Paradox Creek from the Manti-La Sal National Forest boundary to the confluence with the Dolores River. Mainstem and all tributaries to Blue Creek from the Uncompahgre National Forest boundary to the confluence with the Dolores River.

COGULD04	Classifications
Designation	Agriculture
Reviewable	Aq Life Warm 1
	Recreation E
	Water Supply
Qualifiers:	
Other:	

Physical and Biological	DM	MWAT
Temperature °C	WS-II	WS-II
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126
Inorganic (mg/L)		
	acute	**chronic**
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.5	---
Phosphorus	---	0.17
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

5. Mainstem of West Creek from the source to the confluence with the Dolores River. Roc Creek including all tributaries and wetlands from the Manti-La Sal National Forest boundary to the confluence with the Dolores River. La Sal Creek, including all tributaries and wetlands, from the Utah/Colorado border to the confluence with the Dolores River. Mesa Creek, including all tributaries and wetlands, from the Uncompahgre National Forest boundary to the confluence with the Dolores River.

COGULD05	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Temporary Modification(s):

Arsenic(chronic) = hybrid

Expiration Date of 12/31/2021

Physical and Biological

	DM	MWAT
Temperature °C	CS-II	CS-II
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)

	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)

	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	TVS	---
Uranium(T)	---	16.8-30 [A]
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

6. North Fork of West Creek, including all tributaries and wetlands, from the source to the confluence with West Creek. Granite Creek, including all tributaries and wetlands, from the source the Colorado/Utah border.

COGULD06	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

Physical and Biological	DM	MWAT
Temperature °C	CS-I	CS-I
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (mg/m^2)	---	150
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.11
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Beryllium(T)	---	100
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

7. All lakes and reservoirs tributary to the Dolores River, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, and within national forest boundaries. This segment includes Long Park Reservoir, Cabin Reservoir, Beef Trail Reservoir, Dry Lake, Glade Lake, Glade Point Reservoir, Arrowhead Lake, Buckeye Reservoir, Black Pine Reservoir, Casto Reservoir, and Big Creek Reservoir.

COGULD07	Classifications
Designation	Agriculture
Reviewable	Aq Life Cold 1
	Recreation E
	Water Supply

Qualifiers:

Other:

*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.

Physical and Biological	DM	MWAT
Temperature °C	CL	CL
	acute	**chronic**
D.O. (mg/L)	---	6.0
D.O. (spawning)	---	7.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	8*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	250
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	10	---
Nitrite	0.05	---
Phosphorus	---	0.025*
Sulfate	---	WS
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	0.02
Beryllium	---	---
Cadmium	TVS(tr)	TVS
Cadmium(T)	5.0	---
Chromium III	---	TVS
Chromium III(T)	50	---
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron	---	WS
Iron(T)	---	1000
Lead	TVS	TVS
Lead(T)	50	---
Manganese	TVS	TVS/WS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Nickel(T)	---	100
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS
Lower Dolores River Basin

8. All lakes and reservoirs tributary to the Dolores River, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, and not within national forest boundaries.

COGULD08	Classifications
Designation	Agriculture
UP	Aq Life Warm 2
	Recreation E

Qualifiers:

Other:

*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.

Physical and Biological	DM	MWAT
Temperature °C	WL	WL
	acute	**chronic**
D.O. (mg/L)	---	5.0
pH	6.5 - 9.0	---
chlorophyll a (ug/L)	---	20*
E. Coli (per 100 mL)	---	126

Inorganic (mg/L)	acute	chronic
Ammonia	TVS	TVS
Boron	---	0.75
Chloride	---	---
Chlorine	0.019	0.011
Cyanide	0.005	---
Nitrate	100	---
Nitrite	0.5	---
Phosphorus	---	0.083*
Sulfate	---	---
Sulfide	---	0.002

Metals (ug/L)	acute	chronic
Aluminum	---	---
Arsenic	340	---
Arsenic(T)	---	100
Beryllium	---	---
Cadmium	TVS	TVS
Chromium III	TVS	TVS
Chromium III(T)	---	100
Chromium VI	TVS	TVS
Copper	TVS	TVS
Iron(T)	---	1000
Lead	TVS	TVS
Manganese	TVS	TVS
Mercury	---	0.01(t)
Molybdenum(T)	---	150
Nickel	TVS	TVS
Selenium	TVS	TVS
Silver	TVS	TVS
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 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS – FOOTNOTES

(A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(B) *Reserved*.

(C) For certain site-specific temperature standards, the temperature excursions listed in Table I - Footnote 5(c) of 31.16 do not apply. Assessment of ambient-based temperature standards should be conducted in a way that represents similar conditions to those under which the criteria were developed (i.e., air, low flow, and warming event excursions should not apply). Similarly, where site-specific adjustments to the winter shoulder season have been adopted, the winter shoulder season excursion does not apply.