

*Presented below are water quality standards that are in effect for Clean Water Act purposes.*

*EPA is posting these standards as a convenience to users and has made a reasonable effort to assure their accuracy. Additionally, EPA has made a reasonable effort to identify parts of the standards that are not approved, disapproved, or are otherwise not in effect for Clean Water Act purposes.*

March 22, 2019

## **Regulation No. 37 - Classifications and Numeric Standards for Lower Colorado River Basin**

**Effective February 27, 2019**

The following provisions are in effect for Clean Water Act purposes with these few exceptions:

EPA has **taken no action** on:

- All segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP) or a warm water aquatic life classification (0.17 mg/L TP)
- All segment-specific TP numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP)
- These criteria are included in the WQS for certain individual segments in Appendix 37-1

**COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
WATER QUALITY CONTROL COMMISSION**

**5 CCR 1002-37**

**REGULATION NO. 37  
CLASSIFICATIONS AND NUMERIC STANDARDS  
FOR  
LOWER COLORADO RIVER BASIN**

**APPENDIX 37-1  
Stream Classifications and Water Quality Standards Tables**

Effective 06/30/2018

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

1. Deleted.					
COLCLY01	Classifications	Physical and Biological		Metals (ug/L)	
Designation		DM	MWAT	acute	chronic
Qualifiers:		acute	chronic		
Other:		Inorganic (mg/L)			
		acute	chronic		
2. Mainstem of the Yampa River from a point immediately below the confluence with Elkhead Creek to the confluence with the Green River.					
COLCLY02	Classifications	Physical and Biological		Metals (ug/L)	
Designation		DM	MWAT	acute	chronic
Reviewable	Agriculture	WS-II	WS-II	---	---
	Aq Life Warm 1	acute	chronic	340	---
	Recreation E	---	5.0	---	0.02
	Water Supply	---	---	---	---
Qualifiers:		6.5 - 9.0	---	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	---	---
Temporary Modification(s):		E. Coli (per 100 mL)	---	---	---
Arsenic(chronic) = hybrid		Inorganic (mg/L)		50	---
Expiration Date of 12/31/2021		acute	chronic	---	---
	Ammonia	TVS	TVS	TVS	TVS
	Boron	---	0.75	---	WS
	Chloride	---	250	---	1000
	Chlorine	0.019	0.011	TVS	TVS
	Cyanide	0.005	---	TVS	TVS/WS
	Nitrate	10	---	---	0.01(t)
	Nitrite	---	0.05	---	160
	Phosphorus	---	---	TVS	TVS
	Sulfate	---	WS	TVS	TVS
	Sulfide	---	0.002	TVS	TVS
				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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3a. All tributaries to the Yampa River, including all wetlands, from a point immediately below the confluence with Elkhead Creek to a point immediately below the confluence with the Little Snake River, except for the specific listings in Segments 3b through 15, 17a, 17b and 18.						
COLCLY03A	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT	acute	chronic
UP	Agriculture					
	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation N		acute	chronic	Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	100
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).	pH	6.5 - 9.0	---	Cadmium(T)	10
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	100
		E. Coli (per 100 mL)	---	630	Chromium VI(T)	100
		Inorganic (mg/L)			Copper(T)	200
			acute	chronic	Iron	---
		Ammonia	---	---	Lead(T)	100
		Boron	---	0.75	Manganese(T)	200
		Chloride	---	---	Mercury	---
		Chlorine	---	---	Molybdenum(T)	160
		Cyanide	0.2	---	Nickel(T)	200
		Nitrate	100	---	Selenium(T)	20
		Nitrite	---	10	Silver	---
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Uranium	---
		Sulfate	---	---	Zinc(T)	2000
		Sulfide	---	---		

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

## Lower Yampa/Green River

3b. Mainstem of Upper Johnson Gulch from its source to confluence with Pyeatt Gulch at CO 107. Mainstems of Pyeatt Gulch, Ute Gulch, Castor Gulch, No Name Gulch, Flume Gulch, Buzzard Gulch, Covote Gulch, Deal Gulch, Horse Gulch (BOTH), and Elk Gulch, including all tributaries from their sources to their mouths.

COLCLY03B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation P		acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
<b>Other:</b>  *Ammonia(acute) = effective 12/31/2019 *Ammonia(chronic) = effective 12/31/2019 *Chlorine(chronic) = effective 12/31/2019 *Cyanide(acute) = effective 12/31/2019 *Sulfide(chronic) = effective 12/31/2019 *Cadmium(acute) = effective 12/31/2019 *Cadmium(chronic) = effective 12/31/2019 *Chromium III(acute) = effective 12/31/2019 *Chromium III(chronic) = effective 12/31/2019 *Chromium VI(acute) = effective 12/31/2019 *Chromium VI(chronic) = effective 12/31/2019 *Copper(acute) = effective 12/31/2019 *Copper(chronic) = effective 12/31/2019 *Iron(T)(chronic) = effective 12/31/2019 *Lead(acute) = effective 12/31/2019 *Lead(chronic) = effective 12/31/2019 *Manganese(acute) = effective 12/31/2019 *Manganese(chronic) = effective 12/31/2019 *Mercury(chronic) = effective 12/31/2019 *Nickel(acute) = effective 12/31/2019 *Nickel(chronic) = effective 12/31/2019 *Selenium(acute) = effective 12/31/2019 *Selenium(chronic) = effective 12/31/2019 *Silver(acute) = effective 12/31/2019 *Silver(chronic) = effective 12/31/2019 *Zinc(acute) = effective 12/31/2019 *Zinc(chronic) = effective 12/31/2019		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m²)	---	150	Beryllium(T)	---	100
		E. Coli (per 100 mL)	---	205	Cadmium	TVS*	TVS*
		Inorganic (mg/L)			Cadmium(T)	---	10
			acute	chronic	Chromium III	TVS*	TVS*
		Ammonia	TVS*	TVS*	Chromium III(T)	---	100
		Boron	---	4.0	Chromium VI	TVS*	100
		Chloride	---	---	Chromium VI	---	TVS*
		Chlorine	---	0.011*	Copper	TVS*	200
		Cyanide	0.005*	---	Copper	---	TVS*
		Cyanide	0.2	---	Iron(T)	---	1000*
		Nitrate	100	---	Lead	TVS*	TVS*
		Nitrite	---	10	Lead(T)	---	100
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Manganese	TVS*	TVS*
		Sulfate	---	---	Manganese(T)	---	200
		Sulfide	---	0.002*	Mercury	---	0.01(t)*
		<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</b>			Molybdenum(T)	---	160
					Nickel	TVS*	TVS*
					Nickel(T)	---	200
					Selenium	TVS*	TVS*
Selenium(T)	---				20		
Silver	TVS*				TVS*		
Uranium	---				---		
Zinc	TVS*				TVS*		
			Zinc(T)	---	2000		

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3c. Mainstem of Milk Creek, including all tributaries and wetlands, from Thornburgh (County Rd 15) to the confluence with the Yampa River except for the specific listings in Segment 3b and 3e.							
COLCLY03C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation P	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	205	Chromium III	---	TVS
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium III(T)	50	---
Expiration Date of 12/31/2021		acute	chronic	Chromium VI	TVS	TVS	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	<del>---</del>	<del>0.47</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS
		3d. Mainstem of Temple Gulch and Morgan Gulch from their sources to their confluences with the Yampa River.					
COLCLY03D	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation N	acute	chronic	Arsenic	340	---	
	Qualifiers:	D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
Other:		pH	6.5 - 9.0	---	Beryllium	---	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
Sulfide	---	0.002	Uranium	---	---		
			Zinc	TVS	TVS		

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3e. Mainstem of Good Spring Creek and its tributaries above Wilson Reservoir.

COLCLY03E	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic		Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

3f. Big Gulch

COLCLY03F	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E	acute	chronic		Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
Other:		pH	6.5 - 9.0	---	Cadmium(T)	---	10
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		E. Coli (per 100 mL)	---	126	Chromium VI(T)	---	100
		Inorganic (mg/L)			Copper(T)	---	200
		acute	chronic		Iron	---	---
		Ammonia	---	---	Lead(T)	---	100
		Boron	---	0.75	Manganese(T)	---	200
		Chloride	---	---	Mercury	---	---
		Chlorine	---	---	Molybdenum(T)	---	160
		Cyanide	0.2	---	Nickel(T)	---	200
		Nitrate	100	---	Selenium(T)	---	20
		Nitrite	---	10	Silver	---	---
		<del>Phosphorus</del>	---	<del>0.17</del>	Uranium	---	---
		Sulfate	---	---	Zinc(T)	---	2000
		Sulfide	---	---			

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3g. Mainstems of Ben Morgan Creek, Boxelder Gulch, Collom Gulch, Hale Gulch and Jubb Creek, including all tributaries from their sources to their mouths.						
COLCLY03G	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2 Recreation P	Temperature °C	WS-III WS-III		Aluminum	---
Qualifiers:		acute	chronic		Arsenic(T)	---
Other:		D.O. (mg/L)	---	5.0	Beryllium(T)	---
		pH	6.5 - 9.0	---	Cadmium(T)	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---
		E. Coli (per 100 mL)	---	205	Chromium VI(T)	---
		Inorganic (mg/L)			Copper(T)	---
		acute	chronic		Iron	---
		Ammonia	---	---	Lead(T)	---
		Boron	---	0.75	Manganese(T)	---
		Chloride	---	---	Mercury	---
		Chlorine	---	---	Molybdenum(T)	---
		Cyanide	0.2	---	Nickel(T)	---
		Nitrate	100	---	Selenium(T)	---
		Nitrite	---	10	Silver	---
		Phosphorus	---	0.17	Uranium	---
		Sulfate	---	---	Zinc(T)	---
		Sulfide	---	---		2000

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

3h. Lay Creek from the source to the confluence with the Yampa River.						
COLCLY03H	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2 Recreation N Water Supply	Temperature °C	WS-II WS-II		Aluminum	---
Qualifiers:		acute	chronic		Arsenic	340
Other:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	50
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	1000
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		Phosphorus	---	0.17	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3i. Lower Johnson Gulch from the confluence with the confluence with Pyeatt Gulch at CO 107 to the confluence with the Yampa River.							
COLCLY03i	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	
	Recreation P	acute	chronic		Arsenic	340	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).		pH	6.5 - 9.0	---	Beryllium	---	
		chlorophyll a (mg/m²)	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic		Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	4.0	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	---	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	10	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.17</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS
4. North and South Fork of Fortification Creek, including all wetlands and tributaries, from their sources to their confluence. Little Cottonwood Creek, including all tributaries and wetlands from the source to the confluence with Fortification Creek.							
COLCLY04	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	
	Recreation P	acute	chronic		Arsenic	340	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	
		chlorophyll a (mg/m²)	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic		Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>	---	<del>.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS/TVS(sc)

4. North and South Fork of Fortification Creek, including all wetlands and tributaries, from their sources to their confluence. Little Cottonwood Creek, including all tributaries and wetlands from the source to the confluence with Fortification Creek.

COLCLY04	Classifications	Physical and Biological			Metals (ug/L)				
Designation	Agriculture	DM	MWAT		acute	chronic			
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---		
	Recreation P	acute	chronic		Arsenic	340	---		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02		
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---		
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS		
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS		
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---		
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).					Chromium VI	TVS	TVS		
		Inorganic (mg/L)			Copper	TVS	TVS		
					Iron	---	WS		
					Iron(T)	---	1000		
		Ammonia			TVS	TVS			
		Boron			---	0.75	Lead	TVS	TVS
		Chloride			---	250	Manganese	TVS	TVS/WS
		Chlorine			0.019	0.011	Mercury	---	0.01(t)
		Cyanide			0.005	---	Molybdenum(T)	---	160
		Nitrate			10	---	Nickel	TVS	TVS
		Nitrite			---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>			---	.11	Silver	TVS	TVS(tr)
		Sulfate			---	WS	Uranium	---	---
		Sulfide			---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

5. Mainstem of Fortification Creek from the confluence of the North Fork and South Fork to the confluence with the Yampa River.						
COLCLY05	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---
	Recreation E	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	126	Chromium III	---
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium III(T)	50
Expiration Date of 12/31/2021		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS
6. All tributaries to Fortification Creek, including all wetlands, from the confluence of the North and South Forks to the confluence with the Yampa River, except for the specific listings in Segments 4 and 7.						
COLCLY06	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation P	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	---
		Inorganic (mg/L)			Chromium III(T)	50
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.05	Silver	TVS
					Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

7. Mainstem of Little Bear Creek, including all tributaries and wetlands, from the source to the confluence with Dry Fork.						
COLCLY07	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-II CS-II	Aluminum	---	---
Qualifiers:		acute	chronic			
		D.O. (mg/L)	---	6.0	Arsenic	340
		D.O. (spawning)	---	7.0	Arsenic(T)	---
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)
		E. Coli (per 100 mL)	---	205	Chromium III	TVS
					Chromium III(T)	---
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron(T)	---
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	---	Mercury	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	100	---	Selenium	TVS
		Nitrite	---	0.05	Silver	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Uranium	---
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		TVS/TVS(sc)
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).						

  

8. Mainstem of the East Fork of the Williams Fork River, including all tributaries and wetlands which are within the boundaries of the Flat Tops Wilderness Area.						
COLCLY08	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
OW	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I CS-I	Aluminum	---	---
Qualifiers:		acute	chronic			
		D.O. (mg/L)	---	6.0	Arsenic	340
		D.O. (spawning)	---	7.0	Arsenic(T)	---
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
					Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).						

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

9. Mainstems of the East and South Forks of the Williams Fork River, including all wetlands and tributaries, which are within the boundary of Routt National Forest, except for the specific listings in Segment 8 and 12c.						
COLCLY09	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	CS-I	CS-I	Aluminum	---	---
	Recreation P	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	7.0	Beryllium	---	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		pH	6.5 - 9.0	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	205	Chromium III(T)	50	---
		Inorganic (mg/L)		Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	Iron	---	WS
		Boron	0.75	Iron(T)	---	1000
		Chloride	250	Lead	TVS	TVS
		Chlorine	0.019	Manganese	TVS	TVS/WS
		Cyanide	0.005	Mercury	---	0.01(t)
		Nitrate	10	Molybdenum(T)	---	160
		Nitrite	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	WS	Silver	TVS	TVS(tr)
		Sulfide	0.002	Uranium	---	---
				Zinc	TVS	TVS
10. Mainstem of the East Fork of the Williams Fork River including all tributaries and wetlands, from the boundary of Routt National Forest to the confluence with the South Fork of the Williams Fork River.						
COLCLY10	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	CS-I	CS-I	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	7.0	Beryllium	---	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		pH	6.5 - 9.0	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	126	Chromium III(T)	50	---
		Inorganic (mg/L)		Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	Iron	---	WS
		Boron	0.75	Iron(T)	---	1000
		Chloride	250	Lead	TVS	TVS
		Chlorine	0.019	Manganese	TVS	TVS/WS
		Cyanide	0.005	Mercury	---	0.01(t)
		Nitrate	10	Molybdenum(T)	---	160
		Nitrite	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	WS	Silver	TVS	TVS(tr)
		Sulfide	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

11. Deleted.

COLCLY11	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
Qualifiers:		acute	chronic				
Other:							
		Inorganic (mg/L)					
		acute	chronic				

12a. Mainstem of the South Fork of the Williams Fork River and Beaver Creek, including all tributaries and wetlands, from the boundary of Routt National Forest to their mouths, Milk Creek including all tributaries and wetlands from its source to a point just below the confluence with Clear Creek. Morapos Creek including all wetlands and tributaries from the source to the confluence with the Williams Fork River.

COLCLY12A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
Expiration Date of 12/31/2021		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

12b. Milk Creek including all tributaries and wetlands from a point just below the confluence with Clear Creek to Thornburgh (County Rd 15).						
COLCLY12B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-II	CS-II	Aluminum	---
		acute	chronic		Arsenic	340
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---
Other:		D.O. (spawning)	---	7.0	Beryllium	---
Temporary Modification(s):		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Arsenic(chronic) = hybrid		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
Expiration Date of 12/31/2021		E. Coli (per 100 mL)	---	205	Chromium III(T)	---
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron(T)	---
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	250	Mercury	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	10	---	Selenium	TVS
		Nitrite	---	0.05	Silver	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Uranium	---
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

12c. Mainstem of Beaver Creek, including all wetlands and tributaries, which are within the Routt National Forest.						
COLCLY12C	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
OW	Aq Life Cold 1 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Aluminum	---
		acute	chronic		Arsenic	340
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---
Other:		D.O. (spawning)	---	7.0	Beryllium	---
Temporary Modification(s):		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Arsenic(chronic) = hybrid		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
Expiration Date of 12/31/2021		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

13a. Mainstem of the Williams Fork River from the confluence of the East Fork and South Fork to the Highway 13/789 bridge at Hamilton.						
COLCLY13A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).						

  

13b. Mainstem of the Williams Fork River from the highway 13/789 bridge at Hamilton to the confluence with the Yampa River.						
COLCLY13B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---
	Recreation E	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---
					Chromium III(T)	50
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic		Copper	TVS
		Ammonia	TVS	TVS	Iron	---
		Boron	---	0.75	Iron(T)	---
		Chloride	---	250	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Selenium	TVS
		Sulfate	---	WS	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).						

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

14. Deleted.						
COLCLY14	Classifications	Physical and Biological		Metals (ug/L)		
Designation		DM	MWAT	acute	chronic	
Qualifiers:		acute	chronic			
Other:		Inorganic (mg/L)				
		acute	chronic			
15. Those portions of the Little Snake River which are in Colorado, from its first crossing of the Colorado/Wyoming border to a point immediately above the confluence with Powder Wash (Moffatt County).						
COLCLY15	Classifications	Physical and Biological		Metals (ug/L)		
Designation		DM	MWAT	acute	chronic	
Reviewable	Agriculture					
	Aq Life Cold 1	Temperature °C	CS-II	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	Beryllium	---	---
Other:		pH	6.5 - 9.0	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	Chromium III(T)	50	---
Expiration Date of 12/31/2021		Inorganic (mg/L)		Chromium VI	TVS	TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	Iron	---	WS
		Boron	---	Iron(T)	---	1000
		Chloride	---	Lead	TVS	TVS
		Chlorine	0.019	Manganese	TVS	TVS/WS
		Cyanide	0.005	Mercury	---	0.01(t)
		Nitrate	10	Molybdenum(T)	---	160
		Nitrite	---	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	Selenium	TVS	TVS
		Sulfate	---	Silver	TVS	TVS(tr)
		Sulfide	---	Uranium	---	---
			0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

16. Mainstem of the Little Snake River from a point immediately above the confluence with Powder Wash to the confluence with the Yampa River.						
COLCLY16	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation E	acute	chronic		Arsenic	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	0.02-10 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	---
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	WS
		Chloride	---	250	Iron(T)	4400
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS/WS
		Nitrate	10	---	Mercury	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	160
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

17a. All tributaries to the Little Snake River from its first crossing of the Colorado/Wyoming border to a point immediately below the confluence with Fourmile Creek, except for the specific listing in Segment 18.						
COLCLY17A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation P	acute	chronic		Arsenic	<del>340</del>
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	7.6
Other:		D.O. (spawning)	---	7.0	Beryllium	---
Temporary Modification(s):		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
<del>Arsenic(chronic) = hybrid</del>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
<del>Expiration Date of 12/31/2021</del>		E. Coli (per 100 mL)	---	205	Chromium III(T)	100
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic		Copper	TVS
		Ammonia	TVS	TVS	Iron(T)	1000
		Boron	---	0.75	Lead	TVS
		Chloride	---	---	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	160
		Nitrate	100	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS(tr)
		Sulfate	---	---	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**Per EPA's 2/27/2019 action, the arsenic temporary modification was deleted for Lower Yampa River Segment 17a. The temporary modification is no longer effective for CWA purposes.**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

17b. All tributaries to the Little Snake River from a point immediately below the confluence with Fourmile Creek to the confluence with the Yampa River, except for the specific listing in Segment 17c.

COLCLY17B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation N					
			acute	chronic	Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---
Other:		pH	6.5 - 9.0	---	Cadmium(T)	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	---
		E. Coli (per 100 mL)	---	630	Chromium VI(T)	---
		Inorganic (mg/L)			Copper(T)	---
			acute	chronic	Iron	---
		Ammonia	---	---	Lead(T)	---
		Boron	---	0.75	Manganese(T)	---
		Chloride	---	---	Mercury	---
		Chlorine	---	---	Molybdenum(T)	---
		Cyanide	0.2	---	Nickel(T)	---
		Nitrate	100	---	Selenium(T)	---
		Nitrite	---	10	Silver	---
		<del>Phosphorus</del>	---	<del>0.47</del>	Uranium	---
		Sulfate	---	---	Zinc(T)	---
		Sulfide	---	0.05		2000

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

17c. Scandinavian Gulch from the source to the confluence with the Little Snake River.

COLCLY17C	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation N					
			acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
Other:		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	---
			acute	chronic	Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	10	Nickel	TVS
		<del>Phosphorus</del>	---	<del>0.47</del>	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.05	Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

18. Mainstem of Slater Creek, including all tributaries and wetlands, from the source to a point just below the confluence with Second Creek. The mainstems of Fourmile and Willow Creeks, including all tributaries and wetlands, from their sources to the boundary of the Routt National Forest.						
COLCLY18	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation P	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
Expiration Date of 12/31/2021					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.11	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

19a. Mainstem of the Green River within Colorado (Moffat County) from its entry at the Utah/Colorado border to a point just above the confluence with the Yampa River.						
COLCLY19A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.11	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

19b. Mainstem of the Green River within Colorado (Moffat County) from a point just above the confluence with the Yampa River to its exit at the Utah/Colorado border.						
COLCLY19B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---
	Recreation E	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---
		Inorganic (mg/L)			Chromium III(T)	50
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		<del>Phosphorus</del>	---	<del>0.47</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

20. All tributaries to the Green River in Colorado, including all wetlands, except for the specific listings in Segments 21 and 22a - 22d. All tributaries to the Yampa River from a point immediately below the confluence with the Little Snake River to the confluence with the Green River, except for the specific listings in segments 15 through 18.						
COLCLY20	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E	acute	chronic		Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	6.0	Beryllium(T)	---
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	---
		pH	6.5 - 9.0	---	Chromium III(T)	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI(T)	---
		E. Coli (per 100 mL)	---	126	Copper(T)	---
		Inorganic (mg/L)			Iron	---
		acute	chronic		Lead(T)	---
		Ammonia	---	---	Manganese(T)	---
		Boron	---	0.75	Mercury	---
		Chloride	---	---	Molybdenum(T)	---
		Chlorine	---	---	Nickel(T)	---
		Cyanide	0.2	---	Selenium(T)	---
		Nitrate	100	---	Silver	---
		Nitrite	---	10	Uranium	---
		<del>Phosphorus</del>	---	<del>0.44</del>	Zinc(T)	---
		Sulfate	---	---		2000
		Sulfide	---	0.05		

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

21. Mainstem of Beaver Creek, including all tributaries and wetlands, from the source to the confluence with the Green River within Colorado.								
COLCLY21	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---	
	Recreation N		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50	---	
					Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	
			acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	
		Cyanide	0.005	---	Molybdenum(T)	---	160	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	---	0.05	Selenium	TVS	TVS	
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS	TVS(tr)	
		Sulfate	---	WS	Uranium	---	---	
		Sulfide	---	0.002	Zinc	TVS	TVS	
		22a. Mainstem of Vermillion Creek, including all tributaries and wetlands, from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek.						
		COLCLY22A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---	
	Recreation N		acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		D.O. (spawning)	---	7.0	Beryllium	---	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS	TVS	
		E. Coli (per 100 mL)	---	630	Chromium III(T)	---	100	
					Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	
			acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Manganese	TVS	TVS	
		Chloride	---	---	Mercury	---	0.01(t)	
		Chlorine	0.019	0.011	Molybdenum(T)	---	160	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	100	---	Selenium	TVS	TVS	
		Nitrite	---	0.05	Silver	TVS	TVS(tr)	
		<del>Phosphorus</del>	---	<del>0.11</del>	Uranium	---	---	
		Sulfate	---	---	Zinc	TVS	TVS	
		Sulfide	---	0.002				

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

22b. Vermillion Creek, including all tributaries and wetlands, from a point just below the confluence with Talamantes Creek to the confluence with the Green River, except for the specific listing in segment 22c.						
COLCLY22B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Warm 1 Recreation N	WS-III		WS-III	Aluminum	---
Qualifiers:		acute	chronic		Arsenic	340
Other:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	---
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		<del>Phosphorus</del>	---	<del>0.47</del>	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

22c. Mainstem of Vermillion Creek from HWY 318 to the confluence with the Green River.						
COLCLY22C	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Warm 1 Recreation E	WS-III		WS-III	Aluminum	---
Qualifiers:		acute	chronic		Arsenic	340
Other:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	---
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		<del>Phosphorus</del>	---	<del>0.47</del>	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

22d. Conway Draw								
COLCLY22D	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>	
	Water Supply	D.O. (mg/L)	---	6.0	Beryllium(T)	---	4.0	
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Chromium III(T)	50	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI(T)	50	---	
		E. Coli (per 100 mL)	---	126	Copper(T)	---	200	
					Iron	---	WS	
					Lead(T)	50	---	

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

23. All lakes and reservoirs tributary to the Yampa River, from a point just below the confluence with Elkhead Creek to a point just below the confluence with the Little Snake River except for the specific listings in segments 24-32. This segment includes Martin Cull Reservoir, and OVO Reservoir.							
COLCLY23	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM		MWAT	acute		chronic
	Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	---
	Recreation U		acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
<b>Other:</b>  *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.  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b>		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (ug/L)	---	20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.083</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

### 24. Freeman Reservoir and Aldrich Lakes.

COLCLY24	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6	
Other:		D.O. (spawning)	---	7.0	Beryllium	---	---	
<div>*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</div> <div>*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</div>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (ug/L)	---	8*	Chromium III	TVS	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100	
					Chromium VI	TVS	TVS	
			Inorganic (mg/L)		Copper	TVS	TVS	
				acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Manganese	TVS	TVS	
		Chloride	---	---	Mercury	---	0.01(t)	
		Chlorine	0.019	0.011	Molybdenum(T)	---	160	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	100	---	Selenium	TVS	TVS	
		Nitrite	---	0.05	Silver	TVS	TVS(tr)	
		Phosphorus	---	0.025*	Uranium	---	---	
		Sulfate	---	---	Zinc	TVS	TVS	
		Sulfide	---	0.002				

25. All lakes and reservoirs tributary to Fortification Creek from the source to the confluence of the North and South Forks. All lakes and reservoirs tributary to Little Cottonwood Creek from the source to the confluence with Fortification Creek, except for the specific listing in segment 24. All lakes and reservoirs tributary to Little Bear Creek from the source to the confluence with the Dry Fork.

COLCLY25	Classifications	Physical and Biological		Metals (ug/L)				
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---	
	Recreation U	acute	chronic	Arsenic	340	---		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:  *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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
				Chromium VI	TVS	TVS		
		Inorganic (mg/L)		Copper	TVS	TVS		
				acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	
		Cyanide	0.005	---	Molybdenum(T)	---	160	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	---	0.05	Selenium	TVS	TVS	
		Phosphorus	---	0.025*	Silver	TVS	TVS(tr)	
		Sulfate	---	WS	Uranium	---	---	
Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

26. All lakes and reservoirs tributary to Fortification Creek, including Ralph White Lake, except for specific listings in segments 24 and 25.							
COLCLY26	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT				
	Reviewable	Temperature °C	WL	WL	acute	chronic	
	Aq Life Warm 1	acute	chronic	Aluminum	---	---	
	Recreation U			Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
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.  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b>	pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (ug/L)	---	20*	Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.083*</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		
27. All lakes and reservoirs tributary to Milk Creek from Thornburgh (County Rd 15) to the confluence with the Yampa River, including Wilson Reservoir.							
COLCLY27	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT				
	Reviewable	Temperature °C	WL	WL	acute	chronic	
	Aq Life Warm 1	acute	chronic	Aluminum	---	---	
	Recreation U			Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
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.  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b>	chlorophyll a (ug/L)	---	20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	<del>---</del>	<del>0.083*</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

28. All lakes and reservoirs tributary to the East Fork of the Williams Fork River, within the boundaries of the Flat Tops Wilderness Area.						
COLCLY28	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	8*	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.025*	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
29. All lakes and reservoirs tributary to the East and South Forks of the Williams Fork River, and lakes and reservoirs tributary to the mainstem of the Williams Fork River, from the source to the Highway 13/789 bridge at Hamilton, except for the specific listings in segment 28.						
COLCLY29	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	8*	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.025*	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

29. All lakes and reservoirs tributary to the East and South Forks of the Williams Fork River, and lakes and reservoirs tributary to the mainstem of the Williams Fork River, from the source to the Highway 13/789 bridge at Hamilton, except for the specific listings in segment 28.

COLCLY29	Classifications	Physical and Biological		Metals (ug/L)				
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:  *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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
				Chromium VI	TVS	TVS		
		Inorganic (mg/L)		Copper	TVS	TVS		
				acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	
		Cyanide	0.005	---	Molybdenum(T)	---	160	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	---	0.05	Selenium	TVS	TVS	
		Phosphorus	---	0.025*	Silver	TVS	TVS(tr)	
		Sulfate	---	WS	Uranium	---	---	
		Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

30. All lakes and reservoirs tributary to Milk Creek from the source to Thornburgh (County Rd 15). All lakes and reservoirs tributary to Morapos Creek from the source to the confluence with the Williams Fork River.

COLCLY30	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1 Recreation U	CL	CL	Aluminum	---
Qualifiers:		acute	chronic	Arsenic	340
Other:		D.O. (mg/L)	---	Arsenic(T)	7.6
		D.O. (spawning)	---	Beryllium	---
		pH	6.5 - 9.0	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	Chromium III(T)	100
				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron(T)	1000
		Ammonia	TVS	Lead	TVS
		Boron	---	Manganese	TVS
		Chloride	---	Mercury	0.01(t)
		Chlorine	0.019	Molybdenum(T)	160
		Cyanide	0.005	Nickel	TVS
		Nitrate	100	Selenium	TVS
		Nitrite	---	Silver	TVS(tr)
		Phosphorus	---	Uranium	---
		Sulfate	---	Zinc	TVS
		Sulfide	---		

31. All lakes and reservoirs tributary to Slater Creek, from the source to a point just below the confluence with Second Creek, including Slater Creek Lake. All lakes and reservoirs tributary to Fourmile and Willow Creeks from their sources to the boundary of the Routt National Forest.

COLCLY31	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1 Recreation U Water Supply	CL	CL	Aluminum	---
Qualifiers:		acute	chronic	Arsenic	340
Other:		D.O. (mg/L)	---	Arsenic(T)	0.02
		D.O. (spawning)	---	Beryllium	---
		pH	6.5 - 9.0	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	Chromium III(T)	50
				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	WS
		Ammonia	TVS	Iron(T)	1000
		Boron	---	Lead	TVS
		Chloride	---	Manganese	TVS/WS
		Chlorine	0.019	Mercury	0.01(t)
		Cyanide	0.005	Molybdenum(T)	160
		Nitrate	10	Nickel	TVS
		Nitrite	---	Selenium	TVS
		Phosphorus	---	Silver	TVS(tr)
		Sulfate	---	Uranium	---
		Sulfide	---	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

32. All lakes and reservoirs tributary to the Yampa River from a point just below the confluence with the Little Snake River to the confluence with the Green River. All lakes and reservoirs tributary to the Green River in Colorado, including Hog Lake, except for specific listings in segment 33.							
COLCLY32	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
	Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
<b>Other:</b>  *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.  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b>		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (ug/L)	---	20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.003*</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		
33. All lakes and reservoirs tributary to Beaver Creek from the source to the confluence with the Green River. All lakes and reservoirs tributary to Vermillion Creek from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek.							
COLCLY33	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
	Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---
	Recreation U	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>  *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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)		Chromium VI	TVS	TVS	
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		

All metals are dissolved unless otherwise noted.  
 T = total recoverable  
 t = total  
 tr = trout  
 sc = sculpin

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

1. All tributaries to the White River, including all wetlands, which are within the boundaries of the Flat Tops Wilderness Area.								
COLCWH01	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT				
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---		
	Recreation E		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---		
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---		
<div>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</div>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)		
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---		
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50		
				Chromium VI	TVS			
		Inorganic (mg/L)		Copper	TVS			
				Iron	---			
		Ammonia	TVS	TVS	Iron(T)	---		
		Boron	---	0.75	Lead	TVS		
		Chloride	---	250	Manganese	TVS		
		Chlorine	0.019	0.011	Mercury	---		
		Cyanide	0.005	---	Molybdenum(T)	---		
		Nitrate	10	---	Nickel	TVS		
		Nitrite	---	0.05	Selenium	TVS		
		Phosphorus	---	0.11	Silver	TVS		
		Sulfate	---	WS	Uranium	---		
		Sulfide	---	0.002	Zinc	TVS		
		2. Deleted.						
		COLCWH02	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT				
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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

## REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

3. Mainstem of the North Fork of the White River and mainstem of the White River from the Flat Tops Wilderness Area boundary to a point immediately above the confluence with Miller Creek.

COLCWH03	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
			Sulfate	---	WS		
			Sulfide	---	0.002		
				Zinc	TVS	TVS/TVS(sc)	

4a. All tributaries to the North Fork of the White River, including all wetlands, from the Flat Tops Wilderness Area boundary to the confluence with the South Fork of the White River except for the specific listings in Segment 1 and 4b.

COLCWH04A		Classifications		Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---		
	Recreation E		acute	chronic	Arsenic	340	---		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02		
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---		
<b>Other:</b>  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS		
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS		
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---		
					Chromium VI	TVS	TVS		
		Inorganic (mg/L)			Copper	TVS	TVS		
			acute	chronic	Iron	---	WS		
		Ammonia	TVS	TVS	Iron(T)	---	1000		
		Boron	---	0.75	Lead	TVS	TVS		
		Chloride	---	250	Manganese	TVS	TVS/WS		
		Chlorine	0.019	0.011	Mercury	---	0.01(t)		
		Cyanide	0.005	---	Molybdenum(T)	---	160		
		Nitrate	10	---	Nickel	TVS	TVS		
		Nitrite	---	0.05	Selenium	TVS	TVS		
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS	TVS(tr)		
		Sulfate	---	WS	Uranium	---	---		
Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

## REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

### White River

4b. Mainstems of Lost Creek and Snell Creek, including all wetlands and tributaries, from the Flat Tops Wilderness area to the boundary of the White River National Forest.

COLCWH04B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2021					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

5. Deleted.

COLCWH05	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

6. Mainstem of the South Fork of the White River, including all tributaries and wetlands, from the boundary of the Flat Tops Wilderness Area to the confluence with the North Fork of the White River.						
COLCWH06	Classifications		Physical and Biological		Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1		CS-I	CS-I	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply		---	6.0	Arsenic(T)	0.02
Qualifiers:			---	7.0	Beryllium	---
Other:			pH	6.5 - 9.0	Cadmium	TVS(tr)
			chlorophyll a (mg/m <sup>2</sup> )	---	150	TVS
			E. Coli (per 100 mL)	---	126	Chromium III(T)
					50	---
					Chromium VI	TVS
			Inorganic (mg/L)		Copper	TVS
			acute	chronic	Iron	---
			Ammonia	TVS	TVS	WS
			Boron	---	0.75	Iron(T)
			Chloride	---	250	1000
			Chlorine	0.019	0.011	Lead
			Cyanide	0.005	---	TVS
			Nitrate	10	---	TVS
			Nitrite	---	0.05	Manganese
			<del>Phosphorus</del>	<del>0.11</del>	---	TVS
			Sulfate	---	WS	TVS(tr)
			Sulfide	---	0.002	---
					Zinc	TVS
						TVS/TVS(sc)
7. Mainstem of the White River from a point immediately above the confluence with Miller Creek to a point immediately above the confluence with Piceance Creek.						
COLCWH07	Classifications		Physical and Biological		Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1		CS-II	CS-II	Aluminum	---
	Recreation E	3/2 - 11/30	acute	chronic	Arsenic	340
	Recreation P	12/1 - 3/1	---	6.0	Arsenic(T)	0.02
	Water Supply		---	7.0	Beryllium	---
Qualifiers:			pH	6.5 - 9.0	Cadmium	TVS(tr)
Other:			chlorophyll a (mg/m <sup>2</sup> )	---	150*	TVS
Temporary Modification(s):			E. Coli (per 100 mL)	3/2 - 11/30	---	126
Arsenic(chronic) = hybrid			E. Coli (per 100 mL)	12/1 - 3/1	---	205
Expiration Date of 12/31/2021					Chromium III(T)	50
			Inorganic (mg/L)		Chromium VI	TVS
			acute	chronic	Copper	TVS
			Ammonia	TVS	TVS	WS
			Boron	---	0.75	Iron(T)
			Chloride	---	250	1000
			Chlorine	0.019	0.011	Lead
			Cyanide	0.005	---	TVS
			Nitrate	10	---	TVS
			Nitrite	---	0.05	Manganese
			<del>Phosphorus</del>	<del>0.11*</del>	---	TVS
			Sulfate	---	WS	TVS(tr)
			Sulfide	---	0.002	---
					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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

8. All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Piceance Creek, which are within the boundaries of White River National Forest.

COLCWH08	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation P	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

9a. All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Flag Creek, which are not within the boundary of National Forest lands, except for the specific listings in Segments 9c, 9d and 10b.

COLCWH09A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 2 Recreation N Water Supply		DM	MWAT	acute		chronic
Reviewable		Temperature °C	CS-I	CS-I	Aluminum	---	---
			acute	chronic	Arsenic	340	---
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:	<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

9b. All tributaries to the White River, including wetlands, from a point immediately above the confluence with Flag Creek, to a point immediately above the confluence with Piceance Creek, which are not within the boundary of National Forest lands, except for the specific listings in segments 9c and 9d.

COLCWH09B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation N	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

9c. Mainstems of Flag Creek, including all tributaries and wetlands, from the source to a point just below the confluence with the East Fork of Flag Creek.

COLCWH09C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E 6/1 - 8/31	acute	chronic		Arsenic	340	---
	Recreation N 9/1 - 5/31	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
	Water Supply	D.O. (spawning)	---	7.0	Beryllium	---	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL) 6/1 - 8/31	---	126	Chromium III(T)	50	---
		E. Coli (per 100 mL) 9/1 - 5/31	---	630	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic		Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

9d. Sulphur Creek, including all tributaries and wetlands, from the source to the confluence with the White River. Flag Creek, including all tributaries and wetlands, from a point just below the confluence with the East Fork of Flag Creek to the confluence with the White River.									
COLCWH09D	Classifications		Physical and Biological			Metals (ug/L)			
Designation	Agriculture			DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2		Temperature °C	CS-II	CS-II	Aluminum	---	---	
	Recreation E	6/1 - 8/31		acute	chronic	Arsenic	340	---	
	Recreation N	9/1 - 5/31	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>	
	Water Supply		D.O. (spawning)	---	7.0	Beryllium	---	---	
Qualifiers:			pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
Other:			chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS	
			E. Coli (per 100 mL)	6/1 - 8/31	---	126	Chromium III(T)	50	---
			E. Coli (per 100 mL)	9/1 - 5/31	---	630	Chromium VI	TVS	TVS
			Inorganic (mg/L)				Copper	TVS	TVS
				acute	chronic	Iron	---	WS	
			Ammonia	TVS	TVS	Iron(T)	---	1000	
			Boron	---	0.75	Lead	TVS	TVS	
			Chloride	---	250	Manganese	TVS	TVS/WS	
			Chlorine	0.019	0.011	Mercury	---	0.01(t)	
			Cyanide	0.005	---	Molybdenum(T)	---	160	
			Nitrate	10	---	Nickel	TVS	TVS	
			Nitrite	---	0.05	Selenium	TVS	TVS	
			<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS	TVS(tr)	
			Sulfate	---	WS	Uranium	---	---	
			Sulfide	---	0.002	Zinc	TVS	TVS	

10a. All lakes and reservoirs tributary to the White River, from the confluence of the North and South Forks of the White River to a point immediately above the confluence of the White River and Piceance Creek, except for specific listing in Segments 11, 25 and 27.									
COLCWH10A	Classifications		Physical and Biological			Metals (ug/L)			
Designation	Agriculture			DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1		Temperature °C	CL	CL	Aluminum	---	---	
	Recreation E			acute	chronic	Arsenic	340	---	
	Water Supply		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:			D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:			pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
			chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
			E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
			Inorganic (mg/L)				Chromium VI	TVS	TVS
				acute	chronic	Copper	TVS	TVS	
			Ammonia	TVS	TVS	Iron	---	WS	
			Boron	---	0.75	Iron(T)	---	1000	
			Chloride	---	250	Lead	TVS	TVS	
			Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
			Cyanide	0.005	---	Mercury	---	0.01(t)	
			Nitrate	10	---	Molybdenum(T)	---	160	
			Nitrite	---	0.05	Nickel	TVS	TVS	
			Phosphorus	---	0.025*	Selenium	TVS	TVS	
			Sulfate	---	WS	Silver	TVS	TVS(tr)	
			Sulfide	---	0.002	Uranium	---	---	
						Zinc	TVS	TVS	

All metals are dissolved unless otherwise noted.  
T = total recoverable  
t = total  
tr = trout  
sc = sculpin

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

10b. Mainstem of Big Beaver Creek, Miller Creek, and North Elk Creek, including their tributaries and wetlands, from their boundary with National Forest lands to their confluences with the White River. Mainstem of Coal Creek, including all tributaries and wetlands, from the source to the confluence with the White River.						
COLCWH10B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation P	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
Expiration Date of 12/31/2021					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	1000
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS/WS
		Chlorine	0.019	0.011	Mercury	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	160
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS(tr)
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
11. Rio Blanco Lake and Taylor Draw Reservoir (a.k.a. Kenney Reservoir).						
COLCWH11	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	0.02
	DUWS*	pH	6.5 - 9.0	---	Beryllium	---
Qualifiers:		chlorophyll a (ug/L)	---	20*	Cadmium	TVS
Other:		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	50
		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	WS
		Chloride	---	250	Iron(T)	1000
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS/WS
		Nitrate	10	---	Mercury	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	160
		<del>Phosphorus</del>	---	<del>0.083*</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

12. Mainstem of the White River from a point immediately above the confluence with Piceance Creek to a point immediately above the confluence with Douglas Creek.							
COLCWH12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m²)	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)		Chromium III(T)	50	---	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS
		13a. All tributaries to the White River, including all wetlands, from a point immediately below the confluence with Piceance Creek to a point immediately above the confluence with Douglas Creek, except for the specific listings in Segments 13b through 20.					
COLCWH13A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation N	acute	chronic	Arsenic(T)	---	100	
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
Other:  <div>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</div>		pH	6.5 - 9.0	---	Cadmium(T)	---	10
		chlorophyll a (mg/m²)	---	---	Chromium III(T)	---	100
		E. Coli (per 100 mL)	---	630	Chromium VI(T)	---	100
		Inorganic (mg/L)		Copper(T)	---	200	
		acute	chronic	Iron	---	---	
		Ammonia	---	---	Lead(T)	---	100
		Boron	---	0.75	Manganese(T)	---	200
		Chloride	---	---	Mercury	---	---
		Chlorine	---	---	Molybdenum(T)	---	160
		Cyanide	0.2	---	Nickel(T)	---	200
		Nitrate	100	---	Selenium(T)	---	20
		Nitrite	---	10	Silver	---	---
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Uranium	---	---
		Sulfate	---	---	Zinc(T)	---	2000
		Sulfide	---	---			

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

13b. Mainstem of Yellow Creek including all wetlands from the source to immediately below the confluence with Barcus Creek. All tributaries to Yellow Creek from the source to the White River, including wetlands.							
COLCWH13B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	
	Recreation P	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	
<div>Other:</div> <div>*chlorophyll a (mg/m<sup>2</sup>)(chronic) = applies only above the facilities listed at 37.5(4).</div> <div>*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).</div> <div>*Selenium(chronic) = 5.7 ug/L for Corral Gulch.</div> <div>6.0 ug/L for Greasewood Creek.</div> <div>6.9 ug/L for Yellow Creek.</div> <div>7.9 ug/L for Duck Creek.</div> <div>TVS for all other tributaries.</div> <div>See assessment locations at 37.6(4)</div> <div>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</div>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS	
		E. Coli (per 100 mL)	---	205	Chromium III	---	TVS
		Inorganic (mg/L)		Chromium III(T)	50	---	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	5.0	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	---	<del>0.17*</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	varies*
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
			Zinc	TVS	TVS		
13c. Mainstem of Yellow Creek, including all wetlands from immediately below the confluence with Barcus Creek to the confluence with the White River.							
COLCWH13C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation P	acute	chronic	Arsenic	340	---	
	Qualifiers:	D.O. (mg/L)	---	5.0	Arsenic(T)	---	
<div>Other:</div> <div>*Iron(T)(chronic) = See assessment location at 37.6(4)</div> <div>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</div>		pH	6.5 - 9.0	---	Beryllium	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	TVS	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100	
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	5.0	Iron(T)	---	1625*
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	10	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.17</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		

All metals are dissolved unless otherwise noted.  
 T = total recoverable  
 t = total  
 tr = trout  
 sc = sculpin

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

13d. Violet Springs Ponds.					
COLCWH13D	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 2 Recreation P	Temperature °C	CL CL	Aluminum	---
		acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	Arsenic(T)	100
Other:		pH	6.5 - 9.0	Beryllium	---
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	Chromium III	TVS
		Inorganic (mg/L)		Chromium III(T)	100
		acute	chronic	Chromium VI	TVS
		Ammonia	TVS	Copper	TVS
		Boron	---	Iron(T)	1000
		Chloride	---	Lead	TVS
		Chlorine	0.019	Manganese	TVS
		Cyanide	0.005	Mercury	0.01(t)
		Nitrate	100	Molybdenum(T)	160
		Nitrite	---	Nickel	TVS
		Phosphorus	---	Selenium	TVS
		Sulfate	---	Silver	TVS
		Sulfide	---	Uranium	---
			0.002	Zinc	TVS
14a. Mainstem of Piceance Creek from the source to a point just below the confluence with Hunter Creek.					
COLCWH14A	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1 Recreation P Water Supply	Temperature °C	CS-I CS-I	Aluminum	---
		acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	Arsenic(T)	0.02
Other:		D.O. (spawning)	---	Beryllium	---
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		pH	6.5 - 9.0	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	Chromium III(T)	50
		Inorganic (mg/L)		Chromium VI	TVS
		acute	chronic	Copper	TVS
		Ammonia	TVS	Iron	WS
		Boron	---	Iron(T)	1000
		Chloride	---	Lead	TVS
		Chlorine	0.019	Manganese	TVS/WS
		Cyanide	0.005	Mercury	0.01(t)
		Nitrate	10	Molybdenum(T)	160
		Nitrite	---	Nickel	TVS
		Phosphorus	---	Selenium	TVS
		Sulfate	---	Silver	TVS
		Sulfide	---	Uranium	---
			0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

14b. Mainstem of Piceance Creek from a point just below the confluence with Hunter Creek to a point just below the confluence with Ryan Gulch.						
COLCWH14B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-II	CS-II	Aluminum	---
Qualifiers:		acute	chronic		Arsenic	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	7.6
		D.O. (spawning)	---	7.0	Beryllium	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	100
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic		Copper	TVS
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	---	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	100	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS(tr)
		Sulfate	---	---	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

15. Mainstem of Piceance Creek from a point just below the confluence with Ryan Gulch to the confluence with the White River. The Dry Fork of Piceance Creek, including all tributaries and wetlands, from a point just below the confluence with Little Reagan Gulch to the confluence with Piceance Creek, except for the specific listings in Segment 18.						
COLCWH15	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2 Recreation P	Temperature °C	WS-II	WS-II	Aluminum	---
Qualifiers:		acute	chronic		Arsenic	---
Other:		D.O. (mg/L)	---	5.0	Arsenic(T)	100
		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	100
		acute	chronic		Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	250	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

16a. All tributaries to Piceance Creek, including all wetlands, from the source to a point immediately below the confluence with Dry Thirteenmile Creek, except for the specific listings in Segments 15, 17, 18, 19 and 20. Dudley Gulch.

COLCWH16A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation N		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	---	<del>0.11</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

16b. All tributaries to Piceance Creek, including all wetlands, from a point immediately below the confluence with Dry Thirteenmile Creek to the confluence with the White River, except for the specific listings in Segments 15, 17, 18, 19 and 20.

COLCWH16B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation N		acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

17. Stewart Gulch from the sources of the East Middle, and West Forks to the confluence with Piceance Creek.						
COLCWH17	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 2 Recreation P	Temperature °C	CS-I	CS-I	Aluminum	---
Qualifiers:		acute	chronic	Arsenic	340	---
Fish Ingestion		D.O. (mg/L)	---	6.0	Arsenic(T)	---
Other:		D.O. (spawning)	---	7.0	Beryllium	---
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	---
					Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS	TVS
		acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	---	Mercury	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	100	---	Selenium	TVS
		Nitrite	---	0.05	Silver	TVS
		Phosphorus	---	0.11	Uranium	---
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		

18a. Willow and Hunter Creeks, including all tributaries and wetlands, from their sources to their confluences with Piceance Creek.						
COLCWH18A	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 2 Recreation N	Temperature °C	CS-II	CS-II	Aluminum	---
Qualifiers:		acute	chronic	Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		D.O. (spawning)	---	7.0	Beryllium	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	---
					Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS	TVS
		acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	---	Mercury	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	100	---	Selenium	TVS
		Nitrite	---	0.05	Silver	TVS
		Phosphorus	---	0.11	Uranium	---
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

18b. Mainstem of the Dry Fork of Piceance Creek, including all tributaries and wetlands, from the source to a point just below the confluence with Little Reigan Gulch. Box D Gulch from its source to the confluence with the Dry Fork of Piceance Creek.

COLCWH18B	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 2 Recreation P Water Supply	Temperature °C	CS-II CS-II	Aluminum	---
		acute	chronic	Arsenic	340
		D.O. (mg/L)	---	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	Beryllium	---
Other:		pH	6.5 - 9.0	Cadmium	TVS(tr) TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	Chromium III	---
		E. Coli (per 100 mL)	---	Chromium III(T)	50
				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	---
		Ammonia	TVS	Iron(T)	---
		Boron	---	Lead	TVS
		Chloride	---	Manganese	TVS
		Chlorine	0.019	Mercury	---
		Cyanide	0.005	Molybdenum(T)	---
		Nitrate	10	Nickel	TVS
		Nitrite	---	Selenium	TVS
		<del>Phosphorus</del>	<del>0.11</del>	Silver	TVS
		Sulfate	---	Uranium	---
		Sulfide	---	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

19. Mainstem of Fawn Creek from the source to the confluence with Black Sulphur Creek.

COLCWH19	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-I CS-I	Aluminum	---
		acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	Arsenic(T)	---
Other:		D.O. (spawning)	---	Beryllium	---
		pH	6.5 - 9.0	Cadmium	TVS(tr) TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	Chromium III(T)	---
				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron(T)	---
		Ammonia	TVS	Lead	TVS
		Boron	---	Manganese	TVS
		Chloride	---	Mercury	---
		Chlorine	0.019	Molybdenum(T)	---
		Cyanide	0.005	Nickel	TVS
		Nitrate	100	Selenium	TVS
		Nitrite	---	Silver	TVS
		<del>Phosphorus</del>	<del>0.11</del>	Uranium	---
		Sulfate	---	Zinc	TVS
		Sulfide	---		

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

20. Mainstems of Black Sulphur Creek including all tributaries and wetlands from the source to the confluence with Piceance Creek.					
COLCWH20	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	Aluminum	---
	Recreation P	acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	Arsenic(T)	0.02
Qualifiers:		D.O. (spawning)	---	Beryllium	---
Other:		pH	6.5 - 9.0	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	Chromium III	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	205	Chromium III(T)	50
Expiration Date of 12/31/2021				Chromium VI	TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	---
		Ammonia	TVS	Iron(T)	1000
		Boron	---	Lead	TVS
		Chloride	250	Manganese	TVS/WS
		Chlorine	0.019	Mercury	---
		Cyanide	0.005	Molybdenum(T)	160
		Nitrate	10	Nickel	TVS
		Nitrite	---	Selenium	TVS
		Phosphorus	0.11	Silver	TVS(tr)
		Sulfate	WS	Uranium	---
		Sulfide	0.002	Zinc	TVS
21. Mainstem of the White River from a point immediately above the confluence with Douglas Creek to the Colorado/Utah border.					
COLCWH21	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	Arsenic(T)	0.02
Qualifiers:		pH	6.5 - 9.0	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	Cadmium	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	126	Chromium III	TVS
Arsenic(chronic) = hybrid				Chromium III(T)	50
Expiration Date of 12/31/2021				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	---
		Ammonia	TVS	Iron(T)	1000
		Boron	---	Lead	TVS
		Chloride	250	Manganese	TVS/WS
		Chlorine	0.019	Mercury	---
		Cyanide	0.005	Molybdenum(T)	160
		Nitrate	10	Nickel	TVS
		Nitrite	---	Selenium	TVS
		Phosphorus	---	Silver	TVS
		Sulfate	WS	Uranium	---
		Sulfide	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

22. All tributaries to the White River, including all wetlands, from a point immediately above the confluence with Douglas Creek to the Colorado/Utah border, except for specific listing in Segment 23.						
COLCWH22	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Warm 2 Recreation P	Temperature °C	WS-III	WS-III	Aluminum	---
Qualifiers:		acute	chronic		Arsenic(T)	---
		D.O. (mg/L)	---	5.0	Beryllium(T)	100
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).	pH	6.5 - 9.0	---	Cadmium(T)	10
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	100
		E. Coli (per 100 mL)	---	205	Chromium VI(T)	100
		Inorganic (mg/L)			Copper(T)	200
		acute	chronic		Iron	---
		Ammonia	---	---	Lead(T)	100
		Boron	---	0.75	Manganese(T)	200
		Chloride	---	---	Mercury	---
		Chlorine	---	---	Molybdenum(T)	160
		Cyanide	0.2	---	Nickel(T)	200
		Nitrate	100	---	Selenium(T)	20
		Nitrite	---	10	Silver	---
		Phosphorus	---	0.17	Uranium	---
		Sulfate	---	---	Zinc(T)	2000
		Sulfide	---	---		

23. Mainstems of East Douglas Creek and West Douglas Creek, including all tributaries and wetlands, from their sources to their confluence.						
COLCWH22	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	Aluminum	---
Qualifiers:		acute	chronic		Arsenic	340
		D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	D.O. (spawning)	---	7.0	Beryllium	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic		Copper	TVS
		Ammonia	TVS	TVS	Iron	WS
		Boron	---	0.75	Iron(T)	1000
		Chloride	---	250	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS/WS
		Cyanide	0.005	---	Mercury	---
		Nitrate	10	---	Molybdenum(T)	160
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.11	Selenium	TVS
		Sulfate	---	WS	Silver	TVS(tr)
		Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

24. All lakes and reservoirs tributary to the White River, which are within the boundaries of the Flat Tops Wilderness Area, including Trappers Lake.						
COLCWH24	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT	acute	chronic
OW	Agriculture					
	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
Qualifiers:	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	8*	Chromium III	---
*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.		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	TVS

25. Lake Avery (a.k.a Big Beaver Reservoir).						
COLCWH25	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT	acute	chronic
Reviewable	Agriculture					
	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	Aluminum	---
	Recreation E	Temperature °C	4/1 - 12/31	CLL	Arsenic	340
Qualifiers:	Water Supply				Arsenic(T)	---
			acute	chronic	Beryllium	---
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)
		D.O. (spawning)	---	7.0	Chromium III	---
*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.		pH	6.5 - 9.0	---	Chromium III(T)	50
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS
		E. Coli (per 100 mL)	---	126	Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

26. All lakes and reservoirs tributary to the North and South Forks of the White River, from the Flat Tops Wilderness Area boundary to the confluence with the North and South Forks of the White River.

COLCWH26	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	CL	CL	Aluminum	---
	Recreation U	acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	Arsenic(T)	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	Chromium III	TVS
		E. Coli (per 100 mL)	126	Chromium III(T)	50
		<b>Inorganic (mg/L)</b>		Chromium VI	TVS
		acute	chronic	Copper	TVS
		Ammonia	TVS	Iron	WS
		Boron	---	Iron(T)	1000
		Chloride	---	Lead	TVS
		Chlorine	0.019	Manganese	TVS/WS
		Cyanide	0.005	Mercury	---
		Nitrate	10	Molybdenum(T)	160
		Nitrite	---	Nickel	TVS
		Phosphorus	---	Selenium	TVS
		Sulfate	WS	Silver	TVS(tr)
		Sulfide	0.002	Uranium	---
				Zinc	TVS

27. All lakes and reservoirs tributary to the White River, from a point immediately above the confluence with Piceance Creek to the Colorado/Utah border, except for the specific listings in segments 11 and 13d.

COLCWH27	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Warm 1	WL	WL	Aluminum	---
	Recreation U	acute	chronic	Arsenic	340
<b>Qualifiers:</b>		D.O. (mg/L)	---	Arsenic(T)	7.6
<b>Other:</b>		pH	6.5 - 9.0	Beryllium	---
		chlorophyll a (ug/L)	---	Cadmium	TVS
		E. Coli (per 100 mL)	126	Chromium III	TVS
		<b>Inorganic (mg/L)</b>		Chromium III(T)	100
		acute	chronic	Chromium VI	TVS
		Ammonia	TVS	Copper	TVS
		Boron	---	Iron(T)	1000
		Chloride	---	Lead	TVS
		Chlorine	0.019	Manganese	TVS
		Cyanide	0.005	Mercury	---
		Nitrate	100	Molybdenum(T)	160
		Nitrite	---	Nickel	TVS
		Phosphorus	0.083*	Selenium	TVS
		Sulfate	---	Silver	TVS
		Sulfide	0.002	Uranium	---
				Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

1. Mainstem of the Colorado River from the confluence with the Roaring Fork River to immediately below the confluence with Rifle Creek.							
COLCLC01	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2021					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	---	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

2a. Mainstem of the Colorado River from immediately below the confluence with Rifle Creek to immediately above the confluence of Rapid Creek.							
COLCLC02A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium III(T)	50	---
Expiration Date of 12/31/2021		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

2b. Mainstem of the Colorado River from a point immediately above the confluence with Rapid Creek to immediately above the confluence of the Gunnison River.							
COLCLC02B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	
Other:  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m²)	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS
3. Mainstem of the Colorado River from immediately above the confluence of the Gunnison River to the Colorado-Utah state line.							
COLCLC03	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation E	acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m²)	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.  
T = total recoverable  
t = total  
tr = trout  
sc = sculpin

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

## REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

4a. All tributaries, including wetlands, to the Colorado River from the confluence with the Roaring Fork River to a point immediately below the confluence with Parachute Creek except for the specific listings in Segments 4b, 4c, 4d, 4e, 5, 6, 7a, 7b, 8, 9a, 9c, 10, 11a - h, and 12a.

COLCLC04A	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---	---	
	Recreation N		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	pH	6.5 - 9.0	---	Cadmium	TVS	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50	---	
					Chromium VI	TVS	TVS	
			Inorganic (mg/L)		Copper	TVS	TVS	
				acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	
		Cyanide	0.005	---	Molybdenum(T)	---	160	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	---	0.05	Selenium	TVS	TVS	
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS	TVS	
		Sulfate	---	WS	Uranium	---	---	
		Sulfide	---	0.002	Zinc	TVS	TVS	

4b. South Canyon Hot Springs.

COLCLC04B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Aq Life Warm 2	DM		MWAT	acute		chronic
Reviewable	Recreation E				Aluminum	---	---
Qualifiers:		acute		chronic	Arsenic	340	---
Other:	D.O. (mg/L)	---		5.0	Arsenic(T)	---	100
	pH	6.5 - 9.0		---	Beryllium	---	---
	chlorophyll a (mg/m <sup>2</sup> )	---		150	Cadmium	TVS	TVS
	E. Coli (per 100 mL)	---		126	Chromium III	TVS	TVS
	Inorganic (mg/L)				Chromium VI	TVS	TVS
	acute		chronic	Copper	TVS	TVS	
	Ammonia	TVS	TVS	Iron(T)	---	1000	
	Boron	---	---	Lead	TVS	TVS	
	Chloride	---	---	Manganese	TVS	TVS	
	Chlorine	0.019	0.011	Mercury	---	0.01(t)	
	Cyanide	0.005	---	Molybdenum(T)	---	---	
	Nitrate	---	---	Nickel	TVS	TVS	
	Nitrite	---	---	Selenium	TVS	TVS	
	<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Silver	TVS	TVS	
	Sulfate	---	---	Uranium	---	---	
	Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

4c. The mainstem of South Canyon Creek from the South Canyon Hot Springs to the confluence with the Colorado River.						
COLCLC04C	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	126	Chromium III	---
Arsenic(chronic) = hybrid		Inorganic (mg/L)		Chromium III(T)	50	---
Expiration Date of 12/31/2021		acute	chronic	Chromium VI	TVS	TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</b>		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS
						TVS
4d. The mainstem of Dry Hollow Creek, including all tributaries and wetlands, from the source to the confluence with the Colorado River.						
COLCLC04D	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation N	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	---
		Inorganic (mg/L)		Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		<del>Phosphorus</del>	---	<del>0.11</del>	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	TVS
						TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>						

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

4e. Mainstem of Dry Creek including all tributaries and wetlands from the source to immediately above the Last Chance Ditch.

COLCLC04E	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
UP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation N	acute	chronic		Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
Temporary Modification(s):		chlorophyll a (mg/m2)	---	---	Cadmium	TVS	TVS
Copper(ac/ch) = current conditions		E. Coli (per 100 mL)	---	630	Chromium III	TVS	TVS
Expiration Date of 12/31/2019		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic		Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Copper	TVS	TVS
*Iron(T)(chronic) = 3500(T) ug/L on unnamed tributary		Boron	---	0.75	Iron(T)	---	varies*
and 5900(T) ug/L on Dry Creek, see section 37.6(4)(c) for iron assessment locations.		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11*</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

4f. Mainstem of Dry Creek including all tributaries and wetlands from a point immediately above the Last Chance Ditch to the confluence with the Colorado River.

COLCLC04F	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation N	acute	chronic		Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
Temporary Modification(s):		chlorophyll a (mg/m2)	---	---	Cadmium	TVS	TVS
Copper(ac/ch) = current conditions		E. Coli (per 100 mL)	---	630	Chromium III	TVS	TVS
Expiration Date of 12/31/2019		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic		Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11*</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

5. All tributaries to the Colorado River, including wetlands, which are within the boundaries of White River National Forest, except for the specific listing in Segments 9a and 9c.						
COLCLC05	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation P	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
Expiration Date of 12/31/2021					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
6. Mainstem of Oasis Creek including all tributaries and wetlands from the boundary of White River National Forest to the confluence with the Colorado River.						
COLCLC06	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation P	acute	chronic		Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic		Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

7a. Mainstem of Mitchell, Canyon, Elk, Garfield, Beaver, and Cache Creeks, including all tributaries and wetlands, from the boundary of the White River National Forest to their confluences with the Colorado River. Battlement Creek from the most downstream boundary of BLM lands to the confluence with the Colorado River.						
COLCLC07A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
		D.O. (spawning)	---	7.0	Beryllium	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	1000
					Lead	TVS
					Manganese	TVS
					Mercury	0.01(t)
					Molybdenum(T)	160
					Nickel	TVS
					Selenium	TVS
					Silver	TVS(tr)
					Uranium	---
					Zinc	TVS
7b. Mainstem of Divide Creek, including all tributaries and wetlands, from the boundary of the White River National Forest to the confluence with the Colorado River.						
COLCLC07B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
		D.O. (spawning)	---	7.0	Beryllium	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	1000
					Lead	TVS
					Manganese	TVS
					Mercury	0.01(t)
					Molybdenum(T)	160
					Nickel	TVS
					Selenium	TVS
					Silver	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

8. Mainstem of Northwater and Trapper Creeks, including all tributaries and wetlands, from their sources to the confluence with the East Middle Fork of Parachute Creek. East Middle Fork of Parachute Creek, including all tributaries and wetlands, from the source to the confluence with the Middle Fork of Parachute Creek.

COLCLC08	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation P		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

9a. Middle Rifle Creek, including all tributaries and wetlands, from its source to the confluence with West Rifle Creek. East Rifle Creek, including all tributaries and wetlands, from the source to the boundary of the White River National Forest.

COLCLC09A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury	---	0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)	---	160
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	---	0.05	Silver	TVS	TVS(tr)
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Uranium	---	---
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

9b. All lakes and reservoirs tributary to the Colorado River from the confluence of the Colorado and the Roaring Fork River to a point immediately below the confluence of the Colorado River and Parachute Creek, and all lakes and reservoirs within the White River National Forest or the Grand Mesa National Forest, except for the specific listing in segment 20.

COLCLC09B	Classifications	Physical and Biological		Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:  *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.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
				Chromium VI	TVS	TVS	
		Inorganic (mg/L)		Copper	TVS	TVS	
				Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.025*	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
Sulfide	---	0.002	Zinc	TVS	TVS		

9c. Battlement Creek, including all tributaries and wetlands, from the source to the most downstream boundary of BLM lands.

COLCLC09C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>		<del>0.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

10. West Rifle Creek, including all tributaries and wetlands, from the source to Rifle Gap Reservoir. East Rifle Creek, including all tributaries and wetlands, from the White River National Forest boundary to Rifle Gap Reservoir. Rifle Creek, including all tributaries and wetlands, from Rifle Gap Reservoir to the confluence with the Colorado River.						
COLCLC10	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
		D.O. (spawning)	---	7.0	Beryllium	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	1000
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	160
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	TVS
11a. Mainstem of the West Fork of Parachute Creek, including all tributaries, from its source to West Fork Falls. Mainstem of East Fork of Parachute Creek, including all tributaries and wetlands, from a point immediately below the mouth of First Anvil Creek to the east boundary line of S27, T5S, R95W.						
COLCLC11A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation N		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
		D.O. (spawning)	---	7.0	Beryllium	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
<b>Other:</b> EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	1000
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	160
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11b. Mainstem of the West Fork of Parachute Creek from West Fork Falls to the confluence with Parachute Creek; mainstem of the Middle Fork of Parachute Creek, including all tributaries, from the source to the confluence with East Middle Fork of Parachute Creek.

COLCLC11B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM		MWAT	acute		chronic
Reviewable	Aq Life Cold 1	CS-I		CS-I	---		---
	Recreation N	acute		chronic	---		---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic	340	---
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	D.O. (spawning)	---	7.0	Arsenic(T)	---	7.6
		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)	---	630	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute		chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

11c. Deleted.

COLCLC11C	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM		MWAT	acute		chronic
		acute		chronic			
Qualifiers:							
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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11d. Mainstem of Middle Fork of Parachute Creek from the confluence with East Middle Fork to a point immediately above the confluence with the West Fork of Parachute Creek.							
COLCLC11D	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	
	Recreation N	acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	---	100
					Chromium VI	TVS	TVS
		Inorganic (mg/L)		Copper	TVS	TVS	
		acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury	---	0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)	---	160
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	---	0.05	Silver	TVS	TVS(tr)
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Uranium	---	---
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			
11e. That portion of the mainstem of the East Fork of Parachute Creek, including all tributaries and wetlands, within Sections 27, 28, and 29, T5S, R95W.							
COLCLC11E	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---	
	Recreation N	acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>	
	Water Supply	D.O. (mg/L)	---	6.0	Beryllium(T)	4.0	
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	
Other:	EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).	pH	6.5 - 9.0	---	Chromium III(T)	50	
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium VI(T)	---	50
		E. Coli (per 100 mL)	---	630	Copper(T)	---	200
					Iron	---	WS
		Inorganic (mg/L)		Lead(T)	50	---	
		acute	chronic	Manganese	---	WS	
		Ammonia	---	---	Manganese(T)	---	200
		Boron	---	0.75	Mercury	---	0.01(t)
		Chloride	---	250	Molybdenum(T)	---	160
		Chlorine	---	---	Nickel(T)	---	100
		Cyanide	0.2	---	Selenium(T)	---	20
		Nitrate	10	---	Silver(T)	100	---
		Nitrite	---	1.0	Uranium	---	---
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Zinc(T)	---	2000
		Sulfate	---	WS			
		Sulfide	---	0.002			

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11f. Mainstem of the East Fork of Parachute Creek from the west boundary line of S29, T5S, R95W to the confluence with Middle Fork of Parachute Creek.								
COLCLC11F	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT				
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---		
	Recreation N		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---		
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---		
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		pH	6.5 - 9.0	---	Cadmium	TVS(tr)		
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---		
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50		
					Chromium VI	TVS		
					Copper	TVS		
					Iron	---		
					Iron(T)	---		
					Lead	TVS		
					Manganese	TVS		
					Mercury	---		
					Molybdenum(T)	---		
					Nickel	TVS		
					Selenium	TVS		
					Silver	TVS		
					Uranium	---		
					Zinc	TVS		
		11g. All tributaries to East Fork Parachute Creek on the south side of the East Fork Parachute Creek from a point immediately below First Anvil Creek to the confluence with Parachute Creek; all tributaries to Parachute Creek on the east side of Parachute Creek from a point immediately below the East Fork of Parachute Creek to the confluence with the Colorado River; and all tributaries to the Colorado River on the north side of the Colorado River from a point immediately below Cottonwood Creek to the confluence with Parachute Creek except for specific listings in segment 7a and 9c.						
		COLCLC11G	Classifications	Physical and Biological			Metals (ug/L)	
		Designation	Agriculture		DM	MWAT		
		Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---
Recreation N			acute	chronic	Arsenic(T)	---		
Qualifiers:		D.O. (mg/L)	---	6.0	Beryllium(T)	---		
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		D.O. (spawning)	---	7.0	Cadmium(T)	---		
		pH	6.5 - 9.0	---	Chromium III(T)	---		
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium VI(T)	---		
		E. Coli (per 100 mL)	---	630	Copper(T)	---		
					Iron	---		
					Lead(T)	---		
					Manganese(T)	---		
					Mercury	---		
					Molybdenum(T)	---		
					Nickel(T)	---		
					Selenium(T)	---		
					Silver	---		
					Uranium	---		
					Zinc(T)	---		

11g. All tributaries to East Fork Parachute Creek on the south side of the East Fork Parachute Creek from a point immediately below First Anvil Creek to the confluence with Parachute Creek; all tributaries to Parachute Creek on the east side of Parachute Creek from a point immediately below the East Fork of Parachute Creek to the confluence with the Colorado River; and all tributaries to the Colorado River on the north side of the Colorado River from a point immediately below Cottonwood Creek to the confluence with Parachute Creek except for specific listings in segment 7a and 9c.

COLCLC11G	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation N		acute	chronic	Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	6.0	Beryllium(T)	---	100
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		D.O. (spawning)	---	7.0	Cadmium(T)	---	10
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium VI(T)	---	100
		E. Coli (per 100 mL)	---	630	Copper(T)	---	200
					Iron	---	---
		Inorganic (mg/L)			Lead(T)	---	100
					Manganese(T)	---	200
		Ammonia	---	---	Mercury	---	---
		Boron	---	0.75	Molybdenum(T)	---	160
		Chloride	---	---	Nickel(T)	---	200
		Chlorine	---	---	Selenium(T)	---	20
		Cyanide	0.2	---	Silver	---	---
		Nitrate	100	---	Uranium	---	---
		Nitrite	---	10	Zinc(T)	---	2000
		<del>Phosphorus</del>		<del>0.11</del>			
		Sulfate	---	---			
		Sulfide	---	---			

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11h. Mainstem of Parachute Creek, including all tributaries and wetlands, from the confluence of the West and East Forks to the confluence with the Colorado River except for specific listings in segment 11g.

COLCLC11H	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation P		acute	chronic	Arsenic	340	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Beryllium	---	---
		D.O. (spawning)	---	7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Temporary Modification(s):		E. Coli (per 100 mL)	---	205	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid					Copper	TVS	TVS
Expiration Date of 12/31/2021					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

12a. All tributaries to East Fork Parachute Creek from its source to a point immediately below the mouth of First Anvil Creek.

COLCLC12A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation N		acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
Other:		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	630	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)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

12b. All tributaries and wetlands to the Colorado River from a point immediately below the confluence of Parachute Creek to a point immediately below the confluence with Roan Creek, except for the specific listings in segments 14a, 14b and 14c.

COLCLC12B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation P		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

13a. All tributaries to the Colorado River including wetlands, from a point immediately below the confluence of Roan Creek to the Colorado/Utah border except for the specific listings in Segments 13b through 19.

COLCLC13A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation P		acute	chronic	Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	---	100
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury	---	0.01(t)
		Chlorine	---	---	Molybdenum(T)	---	160
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	---	10	Silver	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Uranium	---	---
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

13b. All tributaries to the Colorado River, including wetlands, from the Government Highline Canal Diversion to a point immediately below Salt Creek, and downgradient from the Government Highline Canal, the Orchard Mesa Canal No. 2, Orchard Mesa Drain, Stub Ditch and the northeast Colorado National Monument boundary.						
COLCLC13B	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
UP	Aq Life Warm 2	WS-II	WS-II	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
Other:		pH	6.5 - 9.0	---	Beryllium	---
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.17*	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS
13c. Walker Wildlife Area Ponds.						
COLCLC13C	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 1	WL	WL	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
Other:		pH	6.5 - 9.0	---	Beryllium	---
*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.  <b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b>		chlorophyll a (ug/L)	---	20*	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)		Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	---
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	100	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.083*	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

13d. Coal Canyon Creek downgradient of the Government Highline Canal.

COLCLC13D	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
*Copper(acute) = 0.96e^(0.9801 [ln(hard)]-1.4747)		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
*Copper(chronic) = 0.96e^(0.5897 [ln(hard)]-0.3193)		E. Coli (per 100 mL)	---	205	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic		Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	---	SSE*
		Boron	---	5.0	Copper	SSE*	---
		Chloride	---	---	Iron	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS
		Nitrate	100	---	Mercury	---	0.01(t)
		Nitrite	---	10	Molybdenum(T)	---	160
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS	TVS
		Sulfate	---	---	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

13e. All tributaries to the Colorado River, from Lewis Wash to the West Salt Creek drainage, from an elevation of 5,200 feet to the Government Highline Canal, excluding the mainstems of Big Salt Wash, East Salt Creek and West Salt Creek.

COLCLC13E	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
Other:		pH	6.5 - 9.0	---	Cadmium(T)	---	10
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		E. Coli (per 100 mL)	---	205	Chromium VI(T)	---	100
		Inorganic (mg/L)			Copper(T)	---	200
		acute	chronic		Iron	---	---
		Ammonia	---	---	Lead(T)	---	100
		Boron	---	0.75	Manganese(T)	---	200
		Chloride	---	---	Mercury	---	---
		Chlorine	---	---	Molybdenum(T)	---	160
		Cyanide	0.2	---	Nickel(T)	---	200
		Nitrate	100	---	Selenium(T)	---	20
		Nitrite	---	10	Silver	---	---
		<del>Phosphorus</del>	---	<del>0.17</del>	Uranium	---	---
		Sulfate	---	---	Zinc(T)	---	2000
		Sulfide	---	---			

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

13f. Asbury Creek and Sand Wash from their sources to their confluences with the Colorado River.

COLCLC13F	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	205	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic		Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	<del>---</del>	<del>0.17</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.05	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

14a. Mainstem of Roan Creek including all wetlands and tributaries, from its source to a point immediately above the confluence with Clear Creek, except for the specific listing in segment 14b. Clear Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Tom Creek.

COLCLC14A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

14b. Clear Creek, including all tributaries and wetlands, from a point immediately below the confluence with Tom Creek to the confluence with Roan Creek. Roan Creek, including all tributaries and wetlands, from a point immediately above the confluence with Clear Creek to a point immediately below the confluence with Kimball Creek.

COLCLC14B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50	---
Expiration Date of 12/31/2021		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		<del>Phosphorus</del>	---	<del>0.11</del>	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

14c. Mainstem of Roan Creek including all tributaries and wetlands, from a point immediately below the confluence with Kimball Creek to the confluence with the Colorado River.

COLCLC14C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation P	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
Qualifiers:		pH	6.5 - 9.0	---	Beryllium	---	---
Other:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	205	Chromium III	---	TVS
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium III(T)	50	---
Expiration Date of 12/31/2021		acute	chronic		Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		<del>Phosphorus</del>	---	<del>0.17</del>	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a warm water aquatic life classification (0.17 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

15a. Mainstem of Plateau Creek from its source to the inlet of Vega Reservoir. All tributaries and wetlands to Plateau Creek from its source to a point immediately above the confluence with Buzzard Creek. Kimball Creek, Grove Creek, Big Creek, Cottonwood Creek, Bull Creek, Spring Creek, Coon Creek, and Mesa Creek, including all wetlands and tributaries, from their sources to their confluences with Plateau Creek. The mainstem of Buzzard Creek, including all tributaries and wetlands, within the Grand Mesa National Forest.

COLCLC15A	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	6.0	Arsenic(T)	0.02
Qualifiers:		D.O. (spawning)	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	150*	Chromium III	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	126	Chromium III(T)	---
Expiration Date of 12/31/2021				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	WS
		Ammonia	TVS	Iron(T)	1000
		Boron	0.75	Lead	TVS
		Chloride	250	Manganese	TVS/WS
		Chlorine	0.019	Mercury	0.01(t)
		Cyanide	0.005	Molybdenum(T)	160
		Nitrate	10	Nickel	TVS
		Nitrite	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>0.14*</del>	Silver	TVS(tr)
		Sulfate	WS	Uranium	---
		Sulfide	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

15b. All tributaries and wetlands to Buzzard Creek from the Grand Mesa National Forest boundary to the confluence with Plateau Creek.

COLCLC15B	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	6.0	Arsenic(T)	0.02
Qualifiers:		D.O. (spawning)	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	150	Chromium III	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	126	Chromium III(T)	---
Expiration Date of 12/31/2021				Chromium VI	TVS
		Inorganic (mg/L)		Copper	TVS
		acute	chronic	Iron	WS
		Ammonia	TVS	Iron(T)	1000
		Boron	0.75	Lead	TVS
		Chloride	250	Manganese	TVS/WS
		Chlorine	0.019	Mercury	0.01(t)
		Cyanide	0.005	Molybdenum(T)	160
		Nitrate	10	Nickel	TVS
		Nitrite	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>0.11</del>	Silver	TVS(tr)
		Sulfate	WS	Uranium	---
		Sulfide	0.002	Zinc	TVS

**EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).**

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

## REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

15c. Mainstem of Plateau Creek from the outlet of Vega Reservoir to a point immediately below the confluence with Buzzard Creek.									
COLCLC15C	Classifications	Physical and Biological				Metals (ug/L)			
Designation	Agriculture	DM		MWAT		acute		chronic	
Reviewable	Aq Life Cold 1	Temperature °C	15.7*	11.2*		Aluminum	---	---	
	Recreation E		acute	chronic		Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0		Arsenic(T)	---	0.02	
Qualifiers:		D.O. (spawning)	---	7.0		Beryllium	---	---	
Other:		pH	6.5 - 9.0	---		Cadmium	TVS(tr)	TVS	
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150*		Chromium III	---	TVS	
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126		Chromium III(T)	50	---	
Expiration Date of 12/31/2021						Chromium VI	TVS	TVS	
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).		Inorganic (mg/L)				Copper	TVS	TVS	
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).			acute	chronic		Iron	---	WS	
*Temperature =		Ammonia	TVS	TVS		Iron(T)	---	1000	
DM=15.7 and MWAT=11.2 from 10/1-10/31		Boron	---	0.75		Lead	TVS	TVS	
DM=14.1 from 11/1-3/31		Chloride	---	250		Manganese	TVS	TVS/WS	
DM=27.3 and MWAT=21.6 from 4/1-9/30		Chlorine	0.019	0.011		Mercury	---	0.01(t)	
EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).		Cyanide	0.005	---		Molybdenum(T)	---	160	
		Nitrate	10	---		Nickel	TVS	TVS	
		Nitrite	---	0.05		Selenium	TVS	TVS	
		<del>Phosphorus</del>	<del>0.11*</del>				Silver	TVS	TVS(tr)
		Sulfate	---	WS		Uranium	---	---	
		Sulfide	---	0.002		Zinc	TVS	TVS	
15d. Mainstem of Buzzard Creek from the Grand Mesa National Forest boundary to its confluence with Plateau Creek.									
COLCLC15D	Classifications	Physical and Biological				Metals (ug/L)			
Designation	Agriculture	DM		MWAT		acute		chronic	
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum	---	---	
	Recreation E	Temperature °C	4/1 - 10/31	25.1	18.9	Arsenic	340	---	
	Water Supply					Arsenic(T)	---	0.02	
Qualifiers:			acute	chronic		Beryllium	---	---	
Other:		D.O. (mg/L)	---	6.0		Cadmium	TVS	TVS	
Temporary Modification(s):		D.O. (spawning)	---	7.0		Chromium III	---	TVS	
Arsenic(chronic) = hybrid		pH	6.5 - 9.0	---		Chromium III(T)	50	---	
Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium VI	TVS	TVS	
		E. Coli (per 100 mL)	---	126		Copper	TVS	TVS	
						Iron	---	WS	
		Inorganic (mg/L)				Iron(T)	---	1000	
			acute	chronic		Lead	TVS	TVS	
		Ammonia	TVS	TVS		Manganese	TVS	TVS/WS	
		Boron	---	0.75		Mercury	---	0.01(t)	
		Chloride	---	250		Molybdenum(T)	---	160	
		Chlorine	0.019	0.011		Nickel	TVS	TVS	
		Cyanide	0.005	---		Selenium	TVS	TVS	
		Nitrate	10	---		Silver	TVS	TVS	
		Nitrite	---	0.05		Uranium	---	---	
		<del>Phosphorus</del>	<del>0.11</del>				Zinc	TVS	TVS
		Sulfate	---	WS					
		Sulfide	---	0.002					

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

16. Plateau Creek including all tributaries and wetlands, from a point immediately below the confluence with Buzzard Creek, to the confluence with the Colorado River, excluding specific listings in segment 15.						
COLCLC16	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	3/1 - 11/30 31	WS-II	Aluminum	---
	Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340
	Water Supply				Arsenic(T)	---
Qualifiers:						0.02
Other:						
Temporary Modification(s):						
Arsenic(chronic) = hybrid						
Expiration Date of 12/31/2021						
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).						
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).						
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>						
17a. Mainstem of Rapid Creek, including all tributaries and wetlands, from its source to a point immediately below the confluence with Cottonwood Creek including Kruzen Springs.						
COLCLC17A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
OW	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation P				Arsenic	340
	Water Supply				<del>Arsenic(T)</del>	<del>---</del>
Qualifiers:						0.02
Other:						
Temporary Modification(s):						
Arsenic(chronic) = hybrid						
Expiration Date of 12/31/2021						
Per EPA's 2/27/2019 action, the arsenic temporary modification was deleted for Lower Yampa River Segment 17a. The temporary modification is no longer effective for CWA purposes.						
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>						

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

17b. Rapid Creek, including all tributaries and wetlands, from a point immediately below the confluence with Cottonwood Creek to the confluence with the Colorado River.						
COLCLC17B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation P		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	205	Chromium III(T)	50
Expiration Date of 12/31/2021					Chromium VI	TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	1000
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS/WS
		Chlorine	0.019	0.011	Mercury	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	160
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Silver	TVS(tr)
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS
18. Mainstem of Little Dolores River, including all tributaries and wetlands, from its source to immediately below the confluence with Hay Press Creek.						
COLCLC18	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	10/31 - 4/30	13.9	Aluminum	---
	Recreation P	Temperature °C	5/1 - 9/30	24.4	Arsenic	340
	Water Supply				Arsenic(T)	0.02
Qualifiers:			acute	chronic	Beryllium	---
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)
Temporary Modification(s):		D.O. (spawning)	---	7.0	Chromium III	TVS
Arsenic(chronic) = hybrid		pH	6.5 - 9.0	---	Chromium III(T)	50
Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS
<b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for river/stream segments with a cold water aquatic life classification (0.11 mg/L TP).</b>		E. Coli (per 100 mL)	---	205	Copper	TVS
					Iron	---
		Inorganic (mg/L)			Iron(T)	1000
			acute	chronic	Lead	TVS
		Ammonia	TVS	TVS	Manganese	TVS/WS
		Boron	---	0.75	Mercury	0.01(t)
		Chloride	---	250	Molybdenum(T)	160
		Chlorine	0.019	0.011	Nickel	TVS
		Cyanide	0.005	---	Selenium	TVS
		Nitrate	10	---	Silver	TVS(tr)
		Nitrite	---	0.05	Uranium	---
		<del>Phosphorus</del>	<del>---</del>	<del>0.11</del>	Zinc	TVS
		Sulfate	---	WS		
		Sulfide	---	0.002		

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

19. All lakes and reservoirs tributary to the Colorado River from a point immediately below the confluence of the Colorado River and Parachute Creek to the Colorado-Utah border, except for specific listings in segments 9b, 13c, 20, and 21. This segment includes Highline Reservoir.						
COLCLC19	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	7.6
Other:		pH	6.5 - 9.0	---	Beryllium	---
<p>*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p><b>EPA has not acted on segment-specific total phosphorus (TP) numeric standards based on the interim value for lake/reservoir segments with a warm water aquatic life classification (0.083 mg/L TP).</b></p>		chlorophyll a (ug/L)	---	20*	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)			Chromium III(T)	100
		acute		chronic	Chromium VI	TVS
		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron(T)	1000
		Chloride	---	---	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	0.01(t)
		Nitrate	100	---	Molybdenum(T)	160
		Nitrite	---	0.05	Nickel	TVS
		<del>Phosphorus</del>	<del>---</del>	<del>0.083*</del>	Selenium	TVS
		Sulfate	---	---	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					Zinc	TVS
20. Rifle Gap Reservoir, Harvey Gap Reservoir, and Vega Reservoir.						
COLCLC20	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM		MWAT	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	21.5* B	Aluminum
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	23* B	Arsenic
	Water Supply	Temperature °C		CLL	CLL	Arsenic(T)
Qualifiers:		acute		chronic	Beryllium	---
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)
<p>*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Temperature(4/1 - 12/31) = Vega Reservoir (MWAT=21.5)</p> <p>*Temperature(4/1 - 12/31) = Rifle Gap Reservoir (MWAT=23)</p>		D.O. (spawning)	---	7.0	Chromium III	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	50
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS
		E. Coli (per 100 mL)	---	126	Copper	TVS
		Inorganic (mg/L)			Iron	WS
		acute		chronic	Iron(T)	1000
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	250	Mercury	0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)	160
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	10	---	Selenium	TVS
		Nitrite	---	0.05	Silver	TVS
		Phosphorus	---	0.025*	Uranium	TVS(tr)
		Sulfate	---	WS	Zinc	TVS
		Sulfide	---	0.002		

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 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

21. All lakes and reservoirs tributary to Roan Creek from the source to a point just below the confluence with Clear Creek. All lakes and reservoirs tributary to Rapid Creek from the source to the confluence with the Colorado River. All lakes and reservoirs tributary to the Little Dolores River from the source to a point immediately below the confluence with Hay Press Creek. All lakes and reservoirs tributary to Plateau Creek and within the Grand Mesa National Forest.

COLCLC21	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---	
	Recreation U	acute	chronic	Arsenic	340	---		
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
	DUWS*	D.O. (spawning)	---	7.0	Beryllium	---	---	
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
Other:  *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Classification: Jerry Creek Reservoir Number 1 and Number 2 = DUWS, Palisade Cabin Reservoir = DUWS *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
					Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	
		acute			chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury	---	0.01(t)	
		Cyanide	0.005	---	Molybdenum(T)	---	160	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	---	0.05	Selenium	TVS	TVS	
		Phosphorus	---	0.025*	Silver	TVS	TVS(tr)	
		Sulfate	---	WS	Uranium	---	---	
		Sulfide	---	0.002	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 37.6 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) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.