

**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 ~~06/30/2024~~ 12/31/2032

## Abbreviations and Acronyms

Aq	=	Aquatic
°C	=	degrees Celsius
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
D.O.	=	dissolved oxygen
DM	=	daily maximum temperature
DUWS	=	direct use water supply
E. coli	=	<i>Escherichia coli</i>
mg/L	=	milligrams per liter
mg/m <sup>2</sup>	=	milligrams per square meter
mL	=	milliliter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters
sc	=	sculpin
SSE	=	site-specific equation
T	=	total recoverable
t	=	total
tr	=	trout
TVS	=	table value standard
µg/L	=	micrograms per liter
UP	=	use-protected
WS	=	water supply
WS-I	=	warm stream temperature tier one
WS-II	=	warm stream temperature tier two
WS-III	=	warm stream temperature tier three
WL	=	warm lake temperature tier

# 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	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	WS-II	WS-II	Arsenic	340	---	
	Recreation E	acute	chronic	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Qualifiers:	pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
Other:	chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS	
Temporary Modification(s):	<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---	
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium VI	TVS	TVS
Expiration Date of 12/31/2024		acute	chronic	Copper	TVS	TVS	
*Uranium(acute) = See 37.5(3) for details.		Ammonia	TVS	TVS	Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	0.05	0.05	Molybdenum(T)	---	150
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied 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 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	Arsenic	340	---
	Water Supply		acute	chronic	Arsenic(T)	---	0.02
	Recreation P	D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
<b>Water + Fish Standards Apply</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium(T)	5.0	---
<b>Other:</b>		<del>E-Coli</del> E. coli (per 100 mL)	---	205	Chromium III	---	TVS
Temporary Modification(s):		<b>Inorganic (mg/L)</b>			Chromium III(T)	50	---
Arsenic(chronic) = hybrid			acute	chronic	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		Boron	---	0.75	Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Lead(T)	50	---
		Nitrate	10	---	Manganese	TVS	TVS/WS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Manganese(T)	---	200
		Phosphorus	---	0.17	Mercury(T)	---	0.01
		Sulfate	---	WS	Molybdenum(T)	---	150
		Sulfide	---	0.002	Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

3b. Mainstems 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, Coyote Gulch, Deal Gulch, Horse Gulch (BOTH), Elk Gulch, Jeffway Gulch, and Deacon Gulch, including all tributaries from their sources to their mouths.

COLCLY03B	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT		acute	chronic
UP	Agriculture						
	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		<del>E-Coli</del> E. coli (per 100 mL)	---	205	Chromium III(T)	---	100
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese(T)	---	200
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02
Water Supply		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Qualifiers:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Other:		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	50	---
Temporary Modification(s):		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid			acute	chronic	Copper	TVS	TVS
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.		Boron	---	0.75	Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

  

3d. Mainstems 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	100
Water Supply		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
Qualifiers:		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
Other:		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
Temporary Modification(s):		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
Arsenic(chronic) = hybrid			acute	chronic	Iron(T)	---	1000
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		Boron	---	0.75	Manganese	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.17	Uranium	varies*	varies*
		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 further details on applied 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Other:  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		<del>E-Coli</del> 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	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
Other:  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium III(T)	---	100
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese(T)	---	200
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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, except for listings in Segment 3j.						
COLCLY03G	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Warm 2 Recreation P	DM	MWAT	acute	chronic	
Reviewable		Temperature °C	WS-III	WS-III	Arsenic	340 ---
Qualifiers:		acute	chronic	Arsenic(T)	--- 100	
Other:	D.O. (mg/L) --- 5.0 pH 6.5 - 9.0 --- chlorophyll a (mg/m <sup>2</sup> ) --- 150 E.-ColiE. coli (per 100 mL) --- 205 <b>Inorganic (mg/L)</b> acute chronic Ammonia TVS TVS Boron --- 0.75 Chloride --- --- Chlorine 0.019 0.011 Cyanide 0.005 --- Nitrate 100 --- Nitrite <del>0.05</del> --- <del>0.05</del> Phosphorus --- 0.17 Sulfate --- --- Sulfide --- 0.002	D.O. (mg/L)	---	5.0	Beryllium(T)	--- 100
		pH	6.5 - 9.0	---	Cadmium	TVS TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS TVS
		E.-ColiE. coli (per 100 mL)	---	205	Chromium III(T)	--- 100
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS TVS
		Ammonia	TVS	TVS	Iron(T)	--- 1000
		Boron	---	0.75	Iron(T)	--- varies*
		Chloride	---	---	Lead	TVS TVS
		Chlorine	0.019	0.011	Manganese	TVS TVS
		Cyanide	0.005	---	Manganese(T)	--- 200
		Nitrate	100	---	Mercury(T)	--- 0.01
		Nitrite	<del>0.05</del>	<del>0.05</del>	Molybdenum(T)	--- 150
		Phosphorus	---	0.17	Nickel	TVS TVS
		Sulfate	---	---	Selenium	TVS TVS
		Sulfide	---	0.002	Silver	TVS TVS
					Uranium	varies* varies*
					Zinc	TVS TVS

\*Iron(T)(chronic) = See section 37.6(4) for standards and assessment locations for Collom Gulch from the source to the diversion structure at 40.333977, -107.860833.  
 \*Uranium(acute) = See 37.5(3) for details.  
 \*Uranium(chronic) = See 37.5(3) for details.

  

3h. Lay Creek from the source to the confluence with the Yampa River.						
COLCLY03H	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Warm 2 Recreation P Water Supply	DM	MWAT	acute	chronic	
Reviewable		Temperature °C	WS-II	WS-II	Arsenic	340 ---
Qualifiers:		acute	chronic	Arsenic(T)	--- 0.02-10 <sup>A</sup>	
Other:	D.O. (mg/L) --- 5.0 pH 6.5 - 9.0 --- chlorophyll a (mg/m <sup>2</sup> ) --- 150 E.-ColiE. coli (per 100 mL) --- 205 <b>Inorganic (mg/L)</b> acute chronic Ammonia TVS TVS Boron --- 0.75 Chloride --- 250 Chlorine 0.019 0.011 Cyanide 0.005 --- Nitrate 10 --- Nitrite <del>0.05</del> --- <del>0.05</del> Phosphorus --- 0.17 Sulfate --- WS Sulfide --- 0.002	D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0 ---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	--- TVS
		E.-ColiE. coli (per 100 mL)	---	205	Chromium III(T)	50 ---
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS TVS
		Ammonia	TVS	TVS	Iron	--- WS
		Boron	---	0.75	Iron(T)	--- 1000
		Chloride	---	250	Lead	TVS TVS
		Chlorine	0.019	0.011	Lead(T)	50 ---
		Cyanide	0.005	---	Manganese	TVS TVSWS
		Nitrate	10	---	Mercury(T)	--- 0.01
		Nitrite	<del>0.05</del>	<del>0.05</del>	Molybdenum(T)	--- 150
		Phosphorus	---	0.17	Nickel	TVS TVS
		Sulfate	---	WS	Nickel(T)	--- 100
		Sulfide	---	0.002	Selenium	TVS TVS
					Silver	TVS TVS
					Uranium	varies* varies*
				Zinc	TVS TVS	

\*Uranium(acute) = See 37.5(3) for details.  
 \*Uranium(chronic) = See 37.5(3) for details.

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

3i. Lower Johnson Gulch from 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 Recreation P	Temperature °C	WS-III	WS-III	Arsenic	340      ---
Qualifiers:			acute	chronic	Arsenic(T)	---      100
Other:		D.O. (mg/L)	---	5.0	Cadmium	TVS      TVS
		pH	6.5 - 9.0	---	Chromium III	TVS      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---      100
*Uranium(acute) = See 37.5(3) for details.		<u>E. Coli</u> (per 100 mL)	---	205	Chromium VI	TVS      TVS
*Uranium(chronic) = See 37.5(3) for details.			<b>Inorganic (mg/L)</b>		Copper	TVS      TVS
			acute	chronic	Iron(T)	---      1000
		Ammonia	TVS	TVS	Lead	TVS      TVS
		Boron	---	0.75	Manganese	TVS      TVS
		Chloride	---	---	Mercury(T)	---      0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---      150
		Cyanide	0.005	---	Nickel	TVS      TVS
		Nitrate	100	---	Selenium	TVS      TVS
		Nitrite	<del>0.05</del>	<del>0.05</del>	Silver	TVS      TVS
		Phosphorus	---	0.17	Uranium	varies*      varies*
		Sulfate	---	---	Zinc	TVS      TVS
		Sulfide	---	0.002		
3j. Mainstem of Little Collom Gulch from the source to the confluence with Collom Gulch.						
COLCLY03J	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	Arsenic(T)	---      100
Qualifiers:			acute	chronic	Beryllium(T)	---      100
Other:		D.O. (mg/L)	---	5.0	Cadmium(T)	---      10
		pH	6.5 - 9.0	---	Chromium III(T)	---      100
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI(T)	---      100
*Uranium(acute) = See 37.5(3) for details.		<u>E. Coli</u> (per 100 mL)	---	205	Copper(T)	---      200
*Uranium(chronic) = See 37.5(3) for details.			<b>Inorganic (mg/L)</b>		Iron	---      ---
			acute	chronic	Lead(T)	---      100
		Ammonia	---	---	Manganese(T)	---      200
		Boron	---	0.75	Mercury(T)	---      ---
		Chloride	---	---	Molybdenum(T)	---      150
		Chlorine	---	---	Nickel(T)	---      200
		Cyanide	0.2	---	Selenium(T)	---      20
		Nitrate	100	---	Silver	---      ---
		Nitrite	10	---	Uranium	varies*      varies*
		Phosphorus	---	0.17	Zinc(T)	---      2000
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
Other:		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS	---
		<del>E. Coli</del> 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	Lead(T)	50	---	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	---
		Nitrate	10	---	Mercury(T)	---	0.01	---
		Nitrite	0.05---	--0.05	Molybdenum(T)	---	150	---
		Phosphorus	---	0.11	Nickel	TVS	TVS	---
		Sulfate	---	WS	Nickel(T)	---	100	---
		Sulfide	---	0.002	Selenium	TVS	TVS	---
					Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS/TVS(sc)	
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 Recreation E Water Supply	Temperature °C	WS-II	WS-II	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02	
Other:		pH	6.5 - 9.0	---	Cadmium	TVS	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium(T)	5.0	---	
		<del>E. Coli</del> 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	---	Lead(T)	50	---	---
		Nitrate	10	---	Manganese	TVS	TVS/WS	---
		Nitrite	0.05---	--0.05	Mercury(T)	---	0.01	---
		Phosphorus	---	0.17	Molybdenum(T)	---	150	---
		Sulfate	---	WS	Nickel	TVS	TVS	---
		Sulfide	---	0.002	Nickel(T)	---	100	---
							Selenium	TVS
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 listings in Segments 4 and 7.							
COLCLY06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Warm 2 Recreation P Water Supply	DM	MWAT	acute	chronic		
Reviewable		Temperature °C	WS-III	WS-III	Arsenic	340	---
Qualifiers:		acute	chronic	D.O. (mg/L)	---	5.0	
Other:		pH	6.5 - 9.0	---	Arsenic(T)	---	0.02-10 <sup>A</sup>
*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		<del>E-Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Cadmium(T)	5.0	---
		Inorganic (mg/L)			Chromium III	---	TVS
		acute	chronic	Chromium III(T)	50	---	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron	---	0.75	Copper	TVS	TVS
		Chloride	---	250	Iron	---	WS
		Chlorine	0.019	0.011	Iron(T)	---	1000
		Cyanide	0.005	---	Lead	TVS	TVS
		Nitrate	10	---	Lead(T)	50	---
		Nitrite	<del>0.05</del> ---	<del>0.05</del>	Manganese	TVS	TVSWS
		Phosphorus	---	0.17	Mercury(T)	---	0.01
		Sulfate	---	WS	Molybdenum(T)	---	150
		Sulfide	---	0.05	Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
	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 Aq Life Cold 1 Recreation P	DM	MWAT	acute	chronic		
Reviewable		Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:		acute	chronic	D.O. (mg/L)	---	6.0	
Other:		D.O. (spawning)	---	7.0	Arsenic(T)	---	7.6
*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		<del>E-Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	---	100
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>0.05</del>	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	---	Uranium	varies*	varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50      ---
		<del>E. Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS      TVS
*Uranium(acute) = See 37.5(3) for details.					Copper	TVS      TVS
*Uranium(chronic) = See 37.5(3) for details.					Iron	---      WS
			<b>Inorganic (mg/L)</b>		Iron(T)	---      1000
			<b>acute</b>	<b>chronic</b>	Lead	TVS      TVS
		Ammonia	TVS	TVS	Lead(T)	50      ---
		Boron	---	0.75	Manganese	TVS      TVS/WS
		Chloride	---	250	Mercury(T)	---      0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---      150
		Cyanide	0.005	---	Nickel	TVS      TVS
		Nitrate	10	---	Nickel(T)	---      100
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Selenium	TVS      TVS
		Phosphorus	---	0.11	Silver	TVS      TVS(tr)
		Sulfate	---	WS	Uranium	varies*      varies*
		Sulfide	---	0.002	Zinc	TVS      TVS
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 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 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50      ---
		<del>E. Coli</del> E. coli (per 100 mL)	---	205	Chromium VI	TVS      TVS
Temporary Modification(s):					Copper	TVS      TVS
Arsenic(chronic) = hybrid					Iron	---      WS
Expiration Date of 12/31/2024					Iron(T)	---      1000
*Uranium(acute) = See 37.5(3) for details.					Lead	TVS      TVS
*Uranium(chronic) = See 37.5(3) for details.					Lead(T)	50      ---
			<b>Inorganic (mg/L)</b>		Manganese	TVS      TVS/WS
			<b>acute</b>	<b>chronic</b>	Mercury(T)	---      0.01
		Ammonia	TVS	TVS	Molybdenum(T)	---      150
		Boron	---	0.75	Nickel	TVS      TVS
		Chloride	---	250	Nickel(T)	---      100
		Chlorine	0.019	0.011	Selenium	TVS      TVS
		Cyanide	0.005	---	Silver	TVS      TVS(tr)
		Nitrate	10	---	Uranium	varies*      varies*
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Zinc	TVS      TVS
		Phosphorus	---	0.11		
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable			CS-I	CS-I			
		acute	chronic				
		Temperature °C				Arsenic	340 ---
		D.O. (mg/L)	---	6.0		Arsenic(T)	--- 0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0		Cadmium	TVS TVS
<b>Other:</b>		pH	6.5 - 9.0	---		Cadmium(T)	5.0 ---
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III	--- TVS
Arsenic(chronic) = hybrid		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126		Chromium III(T)	50 ---
Expiration Date of 12/31/2024						Chromium VI	TVS TVS
		Inorganic (mg/L)				Copper	TVS TVS
		acute	chronic			Iron	--- WS
*Uranium(acute) = See 37.5(3) for details.		Ammonia	TVS	TVS		Iron(T)	--- 1000
*Uranium(chronic) = See 37.5(3) for details.		Boron	---	0.75		Lead	TVS TVS
		Chloride	---	250		Lead(T)	50 ---
		Chlorine	0.019	0.011		Manganese	TVS TVS/WS
		Cyanide	0.005	---		Mercury(T)	--- 0.01
		Nitrate	10	---		Molybdenum(T)	--- 150
		Nitrite	0.05---	---0.05		Nickel	TVS TVS
		Phosphorus	---	0.11		Nickel(T)	--- 100
		Sulfate	---	WS		Selenium	TVS TVS
		Sulfide	---	0.002		Silver	TVS TVS(tr)
						Uranium	varies* varies*
						Zinc	TVS TVS/TVS(sc)

11. Deleted.

COLCLY11	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT	acute	chronic		
		acute	chronic				
<b>Qualifiers:</b>							
<b>Other:</b>		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 further details on applied standards.



**REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**  
**Lower Yampa/Green River**

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 the 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	Arsenic	340	---
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			<b>Inorganic (mg/L)</b>		Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.					Iron(T)	---	1000
			<b>acute</b>	<b>chronic</b>	Lead	TVS	TVS
		Ammonia	TVS	TVS	Lead(T)	50	---
		Boron	---	0.75	Manganese	TVS	TVS/WS
		Chloride	---	250	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	10	---	Nickel(T)	---	100
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS

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	Temperature °C	CS-II	CS-II	Arsenic	340	---
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Chromium III(T)	---	100
*Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	TVS
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Copper	TVS	TVS
			<b>Inorganic (mg/L)</b>		Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)	---	0.01
		Boron	---	0.75	Molybdenum(T)	---	150
		Chloride	---	250	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005	---	Silver	TVS	TVS(tr)
		Nitrate	10	---	Uranium	varies*	varies*
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Zinc	TVS	TVS
		Phosphorus	---	0.11			
		Sulfate	---	---			
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02
<b>Qualifiers:</b>  <b>Other:</b>  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

13a. Mainstem of the Williams Fork River from the confluence of the East Fork and South Fork to below the confluence with Morapos Creek.							
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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
<b>Qualifiers:</b>  <b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

13b. Mainstem of the Williams Fork River from below the confluence of Morapos Creek 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 Recreation E Water Supply	Temperature °C	WS-II	WS-II	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
Other:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
			<b>Inorganic (mg/L)</b>		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	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del>	<del>0.05</del>	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

14. Deleted.

COLCLY14	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:			<b>Inorganic (mg/L)</b>				
			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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable		acute	chronic				
		Temperature °C	CS-II	CS-II	Arsenic	340	---
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		<u>E. Coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2024					Chromium VI	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Copper	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.					Iron	---	WS
		Inorganic (mg/L)			Iron(T)	---	1000
		acute	chronic		Lead	TVS	TVS
		Ammonia	TVS	TVS	Lead(T)	50	---
		Boron	---	0.75	Manganese	TVS	TVS/WS
		Chloride	---	250	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	10	---	Nickel(T)	---	100
		Nitrite	0.05---	--0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS/TVS(sc)

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 Aq Life Warm 2 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable		acute	chronic				
		Temperature °C	WS-III	WS-III	Arsenic	340	---
		D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
<b>Water + Fish Standards Apply</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium(T)	5.0	---
<b>Other:</b>		<u>E. Coli</u> (per 100 mL)	---	126	Chromium III	---	TVS
Temporary Modification(s):					Chromium III(T)	50	---
Arsenic(chronic) = hybrid					Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.					Iron(T)	---	4400
		Inorganic (mg/L)			Lead	TVS	TVS
		acute	chronic		Lead(T)	50	---
		Ammonia	TVS	TVS	Manganese	TVS	TVS/WS
		Boron	---	0.75	Mercury(T)	---	0.01
		Chloride	---	250	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Nickel(T)	---	100
		Nitrate	10	---	Selenium	TVS	TVS
		Nitrite	0.05---	--0.05	Silver	TVS	TVS
		Phosphorus	---	0.17	Uranium	varies*	varies*
		Sulfate	---	WS	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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 listings in Segment 18.

COLCLY17A	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	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	TVS
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Copper	TVS	TVS
					Iron(T)	---	1000
		Inorganic (mg/L)			Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)	---	0.01
		Boron	---	0.75	Molybdenum(T)	---	150
		Chloride	---	---	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005	---	Silver	TVS	TVS(tr)
		Nitrate	100	---	Uranium	varies*	varies*
		Nitrite	0.05---	---0.05	Zinc	TVS	TVS
		Phosphorus	---	0.11			
		Sulfate	---	---			
		Sulfide	---	0.002			

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 listing in Segment 17c.

COLCLY17B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2 Recreation P	Temperature °C	WS-III	WS-III	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		<u>E. Coli</u> <u>E. coli</u> (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	---	---	Manganese(T)	---	200
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	---
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	0.05---	---0.05	Selenium	TVS	TVS
		Phosphorus	---	0.17	Silver	TVS	TVS
		Sulfate	---	---	Uranium	varies*	varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

17c. Scandinavian Gulch from the source to the confluence with the Little Snake River.							
COLCLY17C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Warm 2 Recreation P	DM	MWAT	acute      chronic			
Reviewable		acute	chronic	Arsenic	340	---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	---	100
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic				
		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(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	150
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.05	Uranium	varies*	varies*
					Zinc	TVS	TVS

  

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 Aq Life Cold 1 Recreation P Water Supply	DM	MWAT	acute      chronic			
Reviewable		acute	chronic	Arsenic	340	---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Other:</b>		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
Temporary Modification(s):		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Arsenic(chronic) = hybrid		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Expiration Date of 12/31/2024		<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	50	---
*Uranium(acute) = See 37.5(3) for details.		Inorganic (mg/L)			Chromium VI	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		acute	chronic				
		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	---	Lead(T)	50	---
		Nitrate	10	---	Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Mercury(T)	---	0.01
		Phosphorus	---	0.11	Molybdenum(T)	---	150
		Sulfate	---	WS	Nickel	TVS	TVS
		Sulfide	---	0.002	Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 Aq Life Cold 1 Recreation E Water Supply	DM	MWAT		acute	chronic			
Reviewable		acute	chronic	Temperature °C	Arsenic	340	---		
<b>Qualifiers:</b>				D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
				D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.				pH	6.5 - 9.0	---	Chromium III	---	TVS
				chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
				<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	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	Lead(T)	50	---
				Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
				Cyanide	0.005	---	Mercury(T)	---	0.01
				Nitrate	10	---	Molybdenum(T)	---	150
				Nitrite	<u>0.05</u>	<u>---</u>	Nickel	TVS	TVS
				Phosphorus	---	0.11	Nickel(T)	---	100
				Sulfate	---	WS	Selenium	TVS	TVS
				Sulfide	---	0.002	Silver	TVS	TVS(tr)
							Uranium	varies*	varies*
							Zinc	TVS	TVS

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 Aq Life Warm 1 Recreation E Water Supply	DM	MWAT		acute	chronic			
Reviewable		acute	chronic	Temperature °C	Arsenic	340	---		
<b>Qualifiers:</b>				D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
				pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.				chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
				<u>E.-Coli</u> / <u>E. coli</u> (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	Lead(T)	50	---
				Cyanide	0.005	---	Manganese	TVS	TVS/WS
				Nitrate	10	---	Mercury(T)	---	0.01
				Nitrite	<u>0.05</u>	<u>---</u>	Molybdenum(T)	---	150
				Phosphorus	---	0.17	Nickel	TVS	TVS
				Sulfate	---	WS	Nickel(T)	---	100
				Sulfide	---	0.002	Selenium	TVS	TVS
							Silver	TVS	TVS
							Uranium	varies*	varies*
							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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 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 Recreation E	Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	100
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		D.O. (mg/L)	---	6.0	Beryllium(T)	---	100
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	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	---	---	Manganese(T)	---	200
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	<u>0-05</u> ---	<u>---0-05</u>	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS
		Sulfate	---	---	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS

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 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<u>0-05</u> ---	<u>---0-05</u>	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied standards.





# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Temperature °C	WS-III	WS-III	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		<del>E. Coli</del> E. coli (per 100 mL)	---	126	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(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.17	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
<b>Qualifiers:</b>	Water Supply	D.O. (mg/L)	---	6.0	Beryllium(T)	---	4.0
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
<b>Other:</b>  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		<del>E. Coli</del> 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	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVSWS
		Nitrate	10	---	Manganese(T)	---	200
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Mercury(T)	---	0.01
		Phosphorus	---	0.11	Molybdenum(T)	---	150
		Sulfate	---	WS	Nickel	TVS	TVS
		Sulfide	---	0.002	Nickel(T)	---	100
					Selenium	TVS	TVS
				Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 listings in segments 24-32. This segment includes Martin Cull Reservoir, and OVO Reservoir.

COLCLY23	Classifications	Physical and Biological			Metals (ug/L)		
<b>Designation</b>	Agriculture		<b>DM</b>	<b>MWAT</b>		<b>acute</b>	<b>chronic</b>
<b>Reviewable</b>	Aq Life Warm 1 Recreation U	Temperature °C	WL	WL	Arsenic	340	---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100
		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
			<b>Inorganic (mg/L)</b>		Copper	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.083*	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

\*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.  
 \*Uranium(acute) = See 37.5(3) for details.  
 \*Uranium(chronic) = See 37.5(3) for details.

24. Freeman Reservoir and Aldrich Lakes.

COLCLY24	Classifications	Physical and Biological			Metals (ug/L)		
<b>Designation</b>	Agriculture		<b>DM</b>	<b>MWAT</b>		<b>acute</b>	<b>chronic</b>
<b>Reviewable</b>	Aq Life Cold 1 Recreation E	Temperature °C	CL	CL	Arsenic	340	---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS	TVS
		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	Copper	TVS	TVS
			<b>Inorganic (mg/L)</b>		Iron(T)	---	1000
			<b>acute</b>	<b>chronic</b>	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron	---	0.75	Mercury(T)	---	0.01
		Chloride	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS(tr)
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Uranium	varies*	varies*
		Phosphorus	---	0.025*	Zinc	TVS	TVS
		Sulfate	---	---			
		Sulfide	---	0.002			

\*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.  
 \*Uranium(acute) = See 37.5(3) for details.  
 \*Uranium(chronic) = See 37.5(3) for details.

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 listings 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	Arsenic	340	---	
	Recreation U		acute	chronic	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---	
		<u>E. Coli</u> , <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
			acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Lead(T)	50	---	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	150	
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Nickel(T)	---	100	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
			Zinc	TVS	TVS			

26. All lakes and reservoirs tributary to Fortification Creek, including Ralph White Lake, except for listings in segments 24 and 25.

COLCLY26	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Arsenic	340	---	
	Recreation U		acute	chronic	Arsenic(T)	---	7.6	
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS	
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	TVS	TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100	
		<u>E. Coli</u> , <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
			acute	chronic	Iron	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Manganese	TVS	TVS	
		Chloride	---	---	Mercury(T)	---	0.01	
		Chlorine	0.019	0.011	Molybdenum(T)	---	150	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	100	---	Selenium	TVS	TVS	
		Nitrite	0.05---	---0.05	Silver	TVS	TVS(tr)	
		Phosphorus	---	0.083*	Uranium	varies*	varies*	
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Arsenic	340	---	
	Recreation U		acute	chronic	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS	
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
<b>Other:</b>		chlorophyll a (ug/L)	---	20*	Chromium III	---	TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		<b>Inorganic (mg/L)</b>				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	Lead(T)	50	---	
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	
		Nitrate	10	---	Mercury(T)	---	0.01	
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---	150	
		Phosphorus	---	0.083*	Nickel	TVS	TVS	
		Sulfate	---	WS	Nickel(T)	---	100	
		Sulfide	---	0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
			Zinc	TVS	TVS			

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	Arsenic	340	---	
	Recreation E		acute	chronic	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---	
		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
			acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	TVS	
		Chloride	---	250	Lead(T)	50	---	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	150	
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Nickel(T)	---	100	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
			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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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 listings in segment 28.						
COLCLY29	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute      chronic
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CL	CL	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50      ---
		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS      TVS
					Copper	TVS      TVS
					Iron	---
					Iron(T)	---
					Lead	TVS      TVS
					Lead(T)	50      ---
					Manganese	TVS      TVS/WS
					Mercury(T)	---
					Mercury(T)	---
					Molybdenum(T)	---
					Molybdenum(T)	---
					Nickel	TVS      TVS
					Nickel(T)	---
					Nickel(T)	---
					Selenium	TVS      TVS
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					Uranium	varies*      varies*
					Zinc	TVS      TVS
					Zinc	TVS      TVS
*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.						
*Uranium(acute) = See 37.5(3) for details.						
*Uranium(chronic) = See 37.5(3) for details.						

  

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	Temperature °C	CL	CL	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      7.6
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	Chromium III	TVS      TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---      100
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS      TVS
		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS      TVS
					Copper	TVS      TVS
					Copper	TVS      TVS
					Iron(T)	---
					Iron(T)	---
					Lead	TVS      TVS
					Lead	TVS      TVS
					Manganese	TVS      TVS
					Manganese	TVS      TVS
					Mercury(T)	---
					Mercury(T)	---
					Molybdenum(T)	---
					Molybdenum(T)	---
					Nickel	TVS      TVS
					Nickel	TVS      TVS
					Selenium	TVS      TVS
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					Uranium	varies*      varies*
					Zinc	TVS      TVS
					Zinc	TVS      TVS
*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.						
*Uranium(acute) = See 37.5(3) for details.						
*Uranium(chronic) = See 37.5(3) for details.						

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Temperature °C	CL	CL	Arsenic	340	---
	Recreation U		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
	*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
	*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	<del>E-Coli</del> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
	*Uranium(acute) = See 37.5(3) for details.	Inorganic (mg/L)			Copper	TVS	TVS
	*Uranium(chronic) = See 37.5(3) for details.		acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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 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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	7.6
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
	*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100
	*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	<del>E-Coli</del> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
	*Uranium(acute) = See 37.5(3) for details.	Inorganic (mg/L)			Copper	TVS	TVS
	*Uranium(chronic) = See 37.5(3) for details.		acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.083*	Uranium	varies*	varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Yampa/Green River

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	Arsenic	340	---
	Recreation U		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Copper	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.025*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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		DM	MWAT		acute	chronic		
OW	Agriculture							
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---	
	Recreation E		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS	
*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---	
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
			<b>acute</b>	<b>chronic</b>		Iron	---	WS
		Ammonia	TVS	TVS		Iron(T)	---	1000
		Boron	---	0.75		Lead	TVS	TVS
		Chloride	---	250		Lead(T)	50	---
		Chlorine	0.019	0.011		Manganese	TVS	TVS/WS
		Cyanide	0.005	---		Mercury(T)	---	0.01
		Nitrate	10	---		Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05		Nickel	TVS	TVS
		Phosphorus	---	0.11		Nickel(T)	---	100
		Sulfate	---	WS		Selenium	TVS	TVS
		Sulfide	---	0.002		Silver	TVS	TVS(tr)
						Uranium	varies*	varies*
						Zinc	TVS	TVS/TVS(sc)

  

2. Deleted.						
COLCWH02	Classifications	Physical and Biological			Metals (ug/L)	
Designation		DM	MWAT		acute	chronic
<b>Qualifiers:</b>		<b>acute</b>	<b>chronic</b>			
<b>Other:</b>						
		<b>Inorganic (mg/L)</b>				
		<b>acute</b>	<b>chronic</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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

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		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	acute	chronic
Qualifiers:		D.O. (mg/L)	acute	chronic	Arsenic	340
Other:	pH	6.5 - 9.0	---	---	Arsenic(T)	---
*Uranium(acute) = See 37.5(3) for details.	chlorophyll a (mg/m <sup>2</sup> )	---	---	150	Cadmium	TVS
*Uranium(chronic) = See 37.5(3) for details.	<del>E.-Coli</del> E. coli (per 100 mL)	---	---	126	Cadmium(T)	5.0
					Chromium III	---
					Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Lead(T)	50
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Nickel(T)	---
					Selenium	TVS
					Silver	TVS
					Uranium	varies*
					Zinc	TVS
					TVS/TVS(sc)	TVS/TVS(sc)

  

4a. All tributaries to the North Fork White River, including all wetlands, from the Flat Tops Wilderness Area boundary to the confluence with the South Fork White River, except for listings in Segment 1 and 4b.						
COLCWH04A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	acute	chronic
Qualifiers:		D.O. (mg/L)	acute	chronic	Arsenic	340
Other:	pH	6.5 - 9.0	---	---	Arsenic(T)	---
Temporary Modification(s):	chlorophyll a (mg/m <sup>2</sup> )	---	---	150	Cadmium	TVS
Arsenic(chronic) = hybrid	<del>E.-Coli</del> E. coli (per 100 mL)	---	---	126	Cadmium(T)	5.0
Expiration Date of 12/31/2024					Chromium III	---
*Uranium(acute) = See 37.5(3) for details.					Chromium III(T)	50
*Uranium(chronic) = See 37.5(3) for details.					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Lead(T)	50
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Nickel(T)	---
					Selenium	TVS
					Silver	TVS
					Uranium	varies*
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

4b. Lost Creek, including tributaries and wetlands, from the source to the confluence with the North Fork White River. Snell Creek, including all wetlands and tributaries, from the source to the confluence with the North Fork White River.						
COLCWH04B	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
OW	Aq Life Cold 1	CS-I	CS-I	340	---	
	Recreation E	acute	chronic	---	0.02	
	Water Supply	---	6.0	TVS	TVS	
Qualifiers:		---	7.0	5.0	---	
Other:	pH	6.5 - 9.0	---	---	TVS	
Temporary Modification(s):	chlorophyll a (mg/m <sup>2</sup> )	---	150	50	---	
Arsenic(chronic) = hybrid	<del>E. Coli</del> E. coli (per 100 mL)	---	126	TVS	TVS	
Expiration Date of 12/31/2024				TVS	TVS	
*Uranium(acute) = See 37.5(3) for details.	Inorganic (mg/L)			---	WS	
*Uranium(chronic) = See 37.5(3) for details.	acute	chronic	---	---	1000	
	TVS	TVS	---	TVS	TVS	
	---	0.75	---	50	---	
	---	250	---	TVS	TVS/WS	
	0.019	0.011	---	---	0.01	
	0.005	---	---	---	150	
	10	---	---	TVS	TVS	
	<del>0.05</del> ---	<del>---</del> 0.05	---	---	100	
	---	0.11	---	TVS	TVS	
	---	WS	---	TVS	TVS(tr)	
	---	0.002	---	varies*	varies*	
				TVS	TVS	
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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

6. Mainstem of the South Fork White River, including all tributaries and wetlands, that is not within the boundary of the Flat Tops Wilderness to the confluence with the North Fork White River.						
COLCWH06	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		<b>DM</b>	<b>MWAT</b>		<b>acute</b> <b>chronic</b>
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
Other:	*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50      ---
		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS      TVS
					Copper	TVS      TVS
					Iron	---      WS
					Iron(T)	---      1000
					Lead	TVS      TVS
					Lead(T)	50      ---
					Manganese	TVS      TVS/WS
					Mercury(T)	---      0.01
					Molybdenum(T)	---      150
					Nickel	TVS      TVS
					Nickel(T)	---      100
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					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		<b>DM</b>	<b>MWAT</b>		<b>acute</b> <b>chronic</b>
Reviewable	Aq Life Cold 1 Recreation E      3/2 - 11/30 Recreation P      12/1 - 3/1 Water Supply	Temperature °C	CS-II	CS-II	Arsenic	340      ---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *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). *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III(T)	50      ---
		<del>E-Coli</del> E. coli (per 100 mL)      3/2 - 11/30	---	126	Chromium VI	TVS      TVS
		<del>E-Coli</del> E. coli (per 100 mL)      12/1 - 3/1	---	205	Copper	TVS      TVS
					Iron	---      WS
					Iron(T)	---      1000
					Lead	TVS      TVS
					Lead(T)	50      ---
					Manganese	TVS      TVS/WS
					Mercury(T)	---      0.01
					Molybdenum(T)	---      150
					Nickel	TVS      TVS
					Nickel(T)	---      100
					Selenium	TVS      TVS
					Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					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 further details on applied 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 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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 listings in Segments 9c, 9d and 10b.

COLCWH09A	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-I	CS-I	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied 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 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0-05</u>	<u>---0.05</u>	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0-05</u>	<u>---0.05</u>	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Water + Fish Standards Apply</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Temporary Modification(s):		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid					Copper	TVS	TVS
Expiration Date of 12/31/2024					Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.					Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.					Lead	TVS	TVS
		<b>Inorganic (mg/L)</b>			Lead(T)	50	---
		Ammonia	TVS	TVS	Manganese	TVS	TVS/WS
		Boron	---	0.75	Mercury(T)	---	0.01
		Chloride	---	250	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Nickel(T)	---	100
		Nitrate	10	---	Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Silver	TVS	TVS(tr)
		Phosphorus	---	0.11	Uranium	varies*	varies*
		Sulfate	---	WS	Zinc	TVS	TVS
		Sulfide	---	0.002			

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 listings 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	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Copper	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.					Iron	---	WS
		<b>Inorganic (mg/L)</b>			Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.025*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

COLCWH10B		Physical and Biological			Metals (ug/L)		
Designation	Classifications		DM	MWAT		acute	chronic
Reviewable	Agriculture	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Aq Life Cold 1		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Recreation P	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
	Water Supply	D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Temporary Modification(s):		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
Expiration Date of 12/31/2024					Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.					Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

  

COLCWH11		Physical and Biological			Metals (ug/L)		
Designation	Classifications		DM	MWAT		acute	chronic
Reviewable	Agriculture	Temperature °C	WL	WL	Arsenic	340	---
	Aq Life Warm 1		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Recreation E	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
	Water Supply	pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
	DUWS*	chlorophyll a (ug/L)	---	20*	Chromium III	---	TVS
<b>Qualifiers:</b>		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
<b>Other:</b>		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.					Copper	TVS	TVS
*Classification: Kenney Reservoir = DUWS		Ammonia	TVS	TVS	Iron	---	WS
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		Boron	---	0.75	Iron(T)	---	1000
*Uranium(acute) = See 37.5(3) for details.		Chloride	---	250	Lead	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.083*	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied 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 Recreation E Water Supply	Temperature °C	WS-II	WS-II	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
Arsenic(chronic) = hybrid		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2024		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.			acute	chronic	Copper	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 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 Recreation P	Temperature °C	WS-III	WS-III	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	---	100
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese(T)	---	200
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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 Recreation P Water Supply	WS-III	WS-III	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>	
Other:	*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). *Selenium(chronic) = 5.7 ug/L for Corral Gulch. 6.0 ug/L for Greasewood Creek. 6.9 ug/L for Yellow Creek. 7.9 ug/L for Duck Creek. TVS for all other tributaries. See assessment locations at 37.6(4) *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	TVS
		<del>E.-Coli</del> 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	---	5.0	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVSWS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.17*	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	varies*
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 Recreation P	WS-II	WS-II	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	7.6	
Fish Ingestion Standards Apply		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Other:	*Iron(T)(chronic) = See assessment location at 37.6(4) *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		<del>E.-Coli</del> E. coli (per 100 mL)	---	205	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron(T)	---	1625*	
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	5.0	Manganese	TVS	TVS
		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.17	Uranium	varies*	varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS White River

COLCWH13D Classifications		Physical and Biological		Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute	chronic				
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Arsenic	340	---		
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	100		
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS		
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	TVS	TVS		
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	---	100		
		<u>E. Coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS		
		<b>Inorganic (mg/L)</b>					Copper	TVS	TVS
				<b>acute</b>	<b>chronic</b>		Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS		
		Boron	---	5.0	Manganese	TVS	TVS		
		Chloride	---	---	Mercury(T)	---	0.01		
		Chlorine	0.019	0.011	Molybdenum(T)	---	150		
		Cyanide	0.005	---	Nickel	TVS	TVS		
		Nitrate	100	---	Selenium	TVS	TVS		
		Nitrite	<u>0.05</u>	<u>---</u>	<u>0.05</u>	Silver	TVS	TVS	
		Phosphorus	---	0.025*	Uranium	varies*	varies*		
		Sulfate	---	---	Zinc	TVS	TVS		
		Sulfide	---	0.002					

COLCWH14A Classifications		Physical and Biological		Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute	chronic				
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---		
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02		
<b>Qualifiers:</b>	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS		
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---		
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS		
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---		
		<u>E. Coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS		
		<b>Inorganic (mg/L)</b>					Copper	TVS	TVS
				<b>acute</b>	<b>chronic</b>		Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000		
		Boron	---	0.75	Lead	TVS	TVS		
		Chloride	---	250	Lead(T)	50	---		
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS		
		Cyanide	0.005	---	Mercury(T)	---	0.01		
		Nitrate	10	---	Molybdenum(T)	---	150		
		Nitrite	<u>0.05</u>	<u>---</u>	<u>0.05</u>	Nickel	TVS	TVS	
		Phosphorus	---	0.11	Nickel(T)	---	100		
		Sulfate	---	WS	Selenium	TVS	TVS		
		Sulfide	---	0.002	Silver	TVS	TVS(tr)		
					Uranium	varies*	varies*		
			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 further details on applied 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	Arsenic	340	---
Qualifiers:		acute	chronic		Arsenic(T)	---	7.6
Other:	D.O. (mg/L)	---	6.0		Cadmium	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.	D.O. (spawning)	---	7.0		Chromium III	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.	pH	6.5 - 9.0	---		Chromium III(T)	---	100
	chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium VI	TVS	TVS
	<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205		Copper	TVS	TVS
	Inorganic (mg/L)				Iron(T)	---	1000
	acute	chronic			Lead	TVS	TVS
	Ammonia	TVS	TVS		Manganese	TVS	TVS
	Boron	---	0.75		Mercury(T)	---	0.01
	Chloride	---	---		Molybdenum(T)	---	150
	Chlorine	0.019	0.011		Nickel	TVS	TVS
	Cyanide	0.005	---		Selenium	TVS	TVS
	Nitrate	100	---		Silver	TVS	TVS(tr)
	Nitrite	0.05---	--0.05		Uranium	varies*	varies*
	Phosphorus	---	0.11		Zinc	TVS	TVS
	Sulfate	---	---				
	Sulfide	---	0.002				
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 Reigan Gulch to the confluence with Piceance Creek, except for 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	Arsenic	340	---
Qualifiers:		acute	chronic		Arsenic(T)	---	7.6
Fish Ingestion Standards Apply	D.O. (mg/L)	---	5.0		Cadmium	TVS	TVS
Other:	pH	6.5 - 9.0	---		Chromium III	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.	chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III(T)	---	100
*Uranium(chronic) = See 37.5(3) for details.	<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205		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	---	250		Mercury(T)	---	0.01
	Chlorine	0.019	0.011		Molybdenum(T)	---	150
	Cyanide	0.005	---		Nickel	TVS	TVS
	Nitrate	100	---		Selenium	TVS	TVS
	Nitrite	0.05---	--0.05		Silver	TVS	TVS
	Phosphorus	---	0.11		Uranium	varies*	varies*
	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 further details on applied 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.							
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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
Qualifiers:	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Other:  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		<u>E-Coli</u> 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	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.11	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
				Zinc	TVS	TVS	

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 listings in Segments 15, 17, 18a, 18b, 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
Other:  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100
		<u>E-Coli</u> E. coli (per 100 mL)	---	205	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	---	250	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.11	Uranium	varies*	varies*
		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 further details on applied 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)	
<b>Designation</b>	Agriculture		<b>DM</b>	<b>MWAT</b>		
<b>Reviewable</b>	Aq Life Cold 2 Recreation P	Temperature °C	CS-I	CS-I	Arsenic	340
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---
<b>Fish Ingestion Standards Apply</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	Chromium III	TVS
*Uranium(acute) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Chromium III(T)	---
*Uranium(chronic) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium VI	TVS
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Copper	TVS
			<b>Inorganic (mg/L)</b>	<b>acute</b>	<b>chronic</b>	Iron(T)
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	---	Mercury(T)	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	100	---	Selenium	TVS
		Nitrite	<del>0.05</del>	<del>0.05</del>	Silver	TVS
		Phosphorus	---	0.11	Uranium	varies*
		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)	
<b>Designation</b>	Agriculture		<b>DM</b>	<b>MWAT</b>		
<b>Reviewable</b>	Aq Life Cold 2 Recreation P	Temperature °C	CS-II	CS-II	Arsenic	340
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---
<b>Other:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS
*Uranium(acute) = See 37.5(3) for details.		D.O. (spawning)	---	7.0	Chromium III	TVS
*Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Chromium III(T)	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	205	Copper	TVS
			<b>Inorganic (mg/L)</b>	<b>acute</b>	<b>chronic</b>	Iron(T)
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Manganese	TVS
		Chloride	---	---	Mercury(T)	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS
		Nitrate	100	---	Selenium	TVS
		Nitrite	<del>0.05</del>	<del>0.05</del>	Silver	TVS
		Phosphorus	---	0.11	Uranium	varies*
		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 further details on applied 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 Aq Life Cold 2 Recreation P Water Supply	DM	MWAT	acute	chronic		
Reviewable		Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E.-ColiE. coli</u> (per 100 mL)	---	205	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVSWS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0-05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

  

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 Aq Life Cold 1 Recreation P	DM	MWAT	acute	chronic		
Reviewable		Temperature °C	CS-I	CS-I	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	7.6	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	TVS
		<u>E.-ColiE. coli</u> (per 100 mL)	---	205	Copper	TVS	TVS
		Inorganic (mg/L)			Iron(T)	---	1000
		acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron	---	0.75	Mercury(T)	---	0.01
		Chloride	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS(tr)
		Nitrite	0-05---	---0.05	Uranium	varies*	varies*
		Phosphorus	---	0.11	Zinc	TVS	TVS
		Sulfate	---	---			
		Sulfide	---	0.002			

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## White River

20. Mainstem of Black Sulphur Creek, including all tributaries and wetlands, from the source to the confluence with Piceance Creek, except for the listing in Segment 19.							
COLCWH20	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<b>E.-Co</b> <b>H.E. coli</b> (per 100 mL)	---	205	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					<b>Inorganic (mg/L)</b>		
*Uranium(chronic) = See 37.5(3) for details.						<b>acute</b>	<b>chronic</b>
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<b>0.05---</b>	<b>---0.05</b>	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	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	WS-II	Arsenic	340	---
	Recreation E		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
Temporary Modification(s):		<b>E.-Co</b> <b>H.E. coli</b> (per 100 mL)	---	126	Chromium III(T)	50	100
Arsenic(chronic) = hybrid					Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					<b>Inorganic (mg/L)</b>		
*Uranium(acute) = See 37.5(3) for details.						<b>acute</b>	<b>chronic</b>
*Uranium(chronic) = See 37.5(3) for details.		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	---	Lead(T)	50	---
		Nitrate	10	---	Manganese	TVS	TVS/WS
		Nitrite	<b>0.05---</b>	<b>---0.05</b>	Mercury(T)	---	0.01
		Phosphorus	---	---	Molybdenum(T)	---	150
		Sulfate	---	WS	Nickel	TVS	TVS
		Sulfide	---	0.002	Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied 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 listings 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	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
Other:		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		<del>E. Coli</del> E. coli (per 100 mL)	---	205	Chromium III(T)	---	100
*Uranium(chronic) = See 37.5(3) for details.					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	---	---	Manganese(T)	---	200
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Selenium	TVS	TVS
		Phosphorus	---	0.17	Silver	TVS	TVS
		Sulfate	---	---	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS

23. Mainstems of East Douglas Creek and West Douglas Creek, including all tributaries and wetlands, from their sources to their confluence.

COLCWH23	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	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<del>E. Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.			Inorganic (mg/L)		Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied 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 Recreation U Water Supply	Temperature °C	CL	CL	Arsenic	340      ---	
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      0.02	
<b>Other:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---	
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		<u>E-Coli</u> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
			Uranium	varies*	varies*		
			Zinc	TVS	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 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 Recreation U	Temperature °C	WL	WL	Arsenic	340      ---	
<b>Qualifiers:</b>			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---      7.6	
<b>Other:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS      TVS	
*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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	TVS      TVS	
		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100
		<u>E-Coli</u> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Silver	TVS	TVS
		Phosphorus	---	0.083*	Uranium	varies*	varies*
		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 further details on applied 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	varies*	varies*	Arsenic	340	---
	Recreation E		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
Water Supply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	50	---
Temporary Modification(s):		<u>E-Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
Expiration Date of 12/31/2024			<b>acute</b>	<b>chronic</b>	Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.		Ammonia	TVS	TVS	Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Boron	---	0.75	Lead	TVS	TVS
*Temperature =		Chloride	---	250	Lead(T)	50	---
See 37.6(4) for temperature standards.		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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	Arsenic	340	---
	Recreation E		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
Water Supply		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Qualifiers:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
<b>Other:</b>		<u>E-Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
Temporary Modification(s):		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.		Boron	---	0.75	Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	0.05---	---0.05	Molybdenum(T)	---	150
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied 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	Arsenic	340 ---
	Recreation E		acute	chronic	Arsenic(T)	--- 0.02
Qualifiers:	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0 ---
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	--- TVS
		<del>E-Coli</del> 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	Lead(T)	50 ---
		Cyanide	0.005	---	Manganese	TVS TVS/WS
		Nitrate	10	---	Mercury(T)	--- 0.01
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	--- 150
		Phosphorus	---	---	Nickel	TVS TVS
		Sulfate	---	WS	Nickel(T)	--- 100
		Sulfide	---	0.002	Selenium	TVS TVS
					Silver	TVS TVS
					Uranium	varies* varies*
					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	Arsenic	340 ---
	Recreation E		acute	chronic	Arsenic(T)	--- 7.6
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
		pH	6.5 - 9.0	---	Chromium III	TVS TVS
Other:	*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	--- 100
		<del>E-Coli</del> E. coli (per 100 mL)	---	126	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(T)	--- 0.01
		Chlorine	0.019	0.011	Molybdenum(T)	--- 150
		Cyanide	0.005	---	Nickel	TVS TVS
		Nitrate	100	---	Selenium	TVS TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS TVS
		Phosphorus	---	---	Uranium	varies* varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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

COLCLC04A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2 Recreation N Water Supply	Temperature °C	CS-II	CS-II	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	630	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

4b. South Canyon Hot Springs (39.552964, -107.414232).

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

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

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 further details on applied 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	Arsenic	340	---
	Recreation E		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	TVS
Temporary Modification(s):		<b>E-ColiE. coli</b> (per 100 mL)	---	126	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.		Boron	---	0.75	Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<b>0.05---</b>	<b>---0.05</b>	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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	Arsenic	340	---
	Recreation P		<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02-10 <sup>A</sup>
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		<b>E-ColiE. coli</b> (per 100 mL)	---	205	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<b>0.05---</b>	<b>---0.05</b>	Molybdenum(T)	---	150
		Phosphorus	---	0.11	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied 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		
UP	Aq Life Cold 2 Recreation N	Temperature °C	CS-II	CS-II	Arsenic	340 ---
			acute	chronic	Arsenic(T)	--- 100
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS TVS
Temporary Modification(s): Copper(ac/ch) = current conditions* Expiration Date of 6/30/2023  *Phosphorus(chronic) = applies only above the facilities listed at 37.5(4). *Iron(T)(chronic) = 3500(T) ug/L on unnamed tributary and 5900(T) ug/L on Dry Creek, see section 37.6(4)(c) for iron assessment locations. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details. *TempMod: Copper = Adopted 6/9/2008		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	---
		<del>E-Coli</del> E. coli (per 100 mL)	---	630	Chromium VI	TVS TVS
		Inorganic (mg/L)			Copper	TVS TVS
			acute	chronic	Iron(T)	---
		Ammonia	TVS	TVS	Lead	TVS TVS
		Boron	---	0.75	Manganese	TVS TVS
		Chloride	---	---	Mercury(T)	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS TVS
		Nitrate	100	---	Selenium	TVS TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS TVS
		Phosphorus	---	0.11*	Uranium	varies* varies*
		Sulfate	---	---	Zinc	TVS TVS
		Sulfide	---	0.002		
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		
Reviewable	Aq Life Cold 1 Recreation N	Temperature °C	CS-II	CS-II	Arsenic	340 ---
			acute	chronic	Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS TVS
Temporary Modification(s): Copper(ac/ch) = current conditions* Expiration Date of 6/30/2023  *Phosphorus(chronic) = applies only above the facilities listed at 37.5(4). *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details. *TempMod: Copper = Adopted 12/14/2020		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	---
		<del>E-Coli</del> E. coli (per 100 mL)	---	630	Chromium VI	TVS TVS
		Inorganic (mg/L)			Copper	TVS TVS
			acute	chronic	Iron(T)	---
		Ammonia	TVS	TVS	Lead	TVS TVS
		Boron	---	0.75	Manganese	TVS TVS
		Chloride	---	---	Mercury(T)	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS TVS
		Nitrate	100	---	Selenium	TVS TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Silver	TVS TVS
		Phosphorus	---	0.11*	Uranium	varies* varies*
		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 further details on applied 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 listings in Segments 9a, 9c, and 12c.							
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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02
Water Supply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Temporary Modification(s):		<u>E. Coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid					Copper	TVS	TVS
Expiration Date of 12/31/2024					Iron	---	WS
*Uranium(acute) = See 37.5(3) for details.					Iron(T)	---	1000
*Uranium(chronic) = See 37.5(3) for details.					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
<b>Inorganic (mg/L)</b>							
		Ammonia	TVS	TVS			
		Boron	---	0.75			
		Chloride	---	250			
		Chlorine	0.019	0.011			
		Cyanide	0.005	---			
		Nitrate	10	---			
		Nitrite	<u>0.05</u>	<u>0.05</u>			
		Phosphorus	---	0.11			
		Sulfate	---	WS			
		Sulfide	---	0.002			

  

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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
Water Supply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
*Uranium(acute) = See 37.5(3) for details.		<u>E. Coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
<b>Inorganic (mg/L)</b>							
		Ammonia	TVS	TVS			
		Boron	---	0.75			
		Chloride	---	250			
		Chlorine	0.019	0.011			
		Cyanide	0.005	---			
		Nitrate	10	---			
		Nitrite	<u>0.05</u>	<u>0.05</u>			
		Phosphorus	---	0.11			
		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 further details on applied 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.							
COLCLC07A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable		acute	chronic				
		Temperature °C	CS-I	CS-I	Arsenic	340	---
					Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	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 Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable		acute	chronic				
		Temperature °C	CS-II	CS-II	Arsenic	340	---
					Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied standards.





# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

9d. Battlement Creek, including all tributaries and wetlands, from the most downstream boundary of BLM lands to the confluence with the Colorado River.							
COLCLC09D	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute      chronic			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	CS-I	CS-I	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	
*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<del>E. Coli</del> E. coli (per 100 mL)	---	126	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
Uranium	varies*	varies*	Zinc	TVS	TVS		
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 Recreation E Water Supply	CS-II	CS-II	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024  *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<del>E. Coli</del> E. coli (per 100 mL)	---	126	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	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
Uranium	varies*	varies*	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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11a. Middle Fork Parachute Creek, including tributaries and wetlands, from the source to the confluence with East Fork Parachute Creek. West Fork Parachute Creek and East Fork Parachute Creek, including tributaries and wetlands, from the sources to their confluence into Parachute Creek (39.54898, -108.121829).

COLCLC11A	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	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

11b. All tributaries to Parachute Creek on the east side of Parachute Creek from the confluence of the East and West Forks of Parachute Creek to the confluence with the Colorado River.

COLCLC11B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2 Recreation N	Temperature °C	CS-I	CS-I	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Beryllium(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	TVS	TVS
		<u>E. Coli</u> / <u>E. coli</u> (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	---	---	Manganese(T)	---	200
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS
		Sulfate	---	---	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS

\*Uranium(acute) = See 37.5(3) for details.  
\*Uranium(chronic) = See 37.5(3) for details.

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

11c. Mainstem of Parachute Creek from the confluence of the West and East Forks to the confluence with the Colorado River. All tributaries and wetlands to Parachute Creek on the west side of Parachute Creek from the confluence of the East and West Forks to the confluence with the Colorado River.

COLCLC11C	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-II CS-II			Arsenic	340 ---	--- 0.02
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0		Cadmium	TVS	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0		Cadmium(T)	5.0	---
Temporary Modification(s):		pH	6.5 - 9.0	---		Chromium III	---	TVS
Arsenic(chronic) = hybrid		chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III(T)	50	---
Expiration Date of 12/31/2024		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	205		Chromium VI	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.			<b>acute</b>	<b>chronic</b>		Iron	---	WS
		Ammonia	TVS	TVS		Iron(T)	---	1000
		Boron	---	0.75		Lead	TVS	TVS
		Chloride	---	250		Lead(T)	50	---
		Chlorine	0.019	0.011		Manganese	TVS	TVS/WS
		Cyanide	0.005	---		Mercury(T)	---	0.01
		Nitrate	10	---		Molybdenum(T)	---	150
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05		Nickel	TVS	TVS
		Phosphorus	---	0.11		Nickel(T)	---	100
		Sulfate	---	WS		Selenium	TVS	TVS
		Sulfide	---	0.002		Silver	TVS	TVS(tr)
						Uranium	varies*	varies*
						Zinc	TVS	TVS

12a. All tributaries to the Colorado River on the north side of the Colorado River from below Cottonwood Creek to the confluence with Parachute Creek except for listings in segments 9c and 9d.

COLCLC12A	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Cold 2 Recreation N	Temperature °C	CS-I CS-I			Arsenic	340 ---	--- 100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0		Cadmium	TVS	TVS
<b>Other:</b>		pH	6.5 - 9.0	---		Chromium III	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	---		Chromium III(T)	---	100
*Uranium(chronic) = See 37.5(3) for details.		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	630		Chromium VI	TVS	TVS
		<b>Inorganic (mg/L)</b>				Copper	TVS	TVS
			<b>acute</b>	<b>chronic</b>		Iron(T)	---	1000
		Ammonia	TVS	TVS		Lead	TVS	TVS
		Boron	---	0.75		Manganese	TVS	TVS
		Chloride	---	---		Mercury(T)	---	0.01
		Chlorine	0.019	0.011		Molybdenum(T)	---	150
		Cyanide	0.005	---		Nickel	TVS	TVS
		Nitrate	100	---		Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05		Silver	TVS	TVS
		Phosphorus	---	0.11		Uranium	varies*	varies*
		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 further details on applied 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 listings in segments 5, 12c, 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	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

12c. Wallace Creek, including all tributaries and wetlands, from the source to the confluence with the Colorado River.

COLCLC12C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Recreation P		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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 listings in Segments 13b through 19.						
COLCLC13A	Classifications	Physical and Biological			Metals (ug/L)	
Designation			DM	MWAT	acute	chronic
UP	Agriculture					
	Aq Life Warm 2 Water Supply Recreation P	Temperature °C	WS-III	WS-III	Arsenic	340 ---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS TVS
*Uranium(acute) = See 37.5(3) for details.		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
*Uranium(chronic) = See 37.5(3) for details.		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium III(T)	50 ---
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS TVS
		Ammonia	TVS	TVS	Iron	---
		Boron	---	0.75	Iron(T)	---
		Chloride	---	250	Lead	TVS TVS
		Chlorine	0.019	0.011	Lead(T)	50 ---
		Cyanide	0.005	---	Manganese	TVS TVS/WS
		Nitrate	10	---	Mercury(T)	---
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Molybdenum(T)	---
		Phosphorus	---	0.17	Nickel	TVS TVS
		Sulfate	---	WS	Nickel(T)	---
		Sulfide	---	0.002	Selenium	TVS TVS
					Silver	TVS TVS
					Uranium	varies* varies*
					Zinc	TVS TVS

  

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			DM	MWAT	acute	chronic
UP	Agriculture					
	Aq Life Warm 2 Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340 ---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---
<b>Fish Ingestion Standards Apply</b>		pH	6.5 - 9.0	---	Cadmium	TVS TVS
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	TVS TVS
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	---
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		<b>Inorganic (mg/L)</b>			Chromium VI	TVS TVS
*Uranium(acute) = See 37.5(3) for details.			<b>acute</b>	<b>chronic</b>	Copper	TVS TVS
*Uranium(chronic) = See 37.5(3) for details.		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS TVS
		Chloride	---	---	Manganese	TVS TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	100	---	Nickel	TVS TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Selenium	TVS TVS
		Phosphorus	---	0.17*	Silver	TVS TVS
		Sulfate	---	---	Uranium	varies* varies*
		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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

13c. Walker Wildlife Area Ponds.							
COLCLC13C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Warm 1 Recreation E	DM	MWAT	acute	chronic		
Reviewable		Temperature °C	WL	WL	Arsenic	340	---
Qualifiers:		acute	chronic	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. *Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	0.05---	---0.05	Selenium	TVS	TVS
		Phosphorus	---	0.083*	Silver	TVS	TVS
		Sulfate	---	---	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS

  

13d. Deleted						
COLCLC13D	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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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 Recreation P	Temperature °C	WS-III	WS-III	Arsenic(T)	---	100
			<b>acute</b>	<b>chronic</b>	Beryllium(T)	---	100
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium(T)	---	10
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI(T)	---	100
*Uranium(acute) = See 37.5(3) for details.		<u>E-Coli</u> <u>E_coli</u> (per 100 mL)	---	205	Copper(T)	---	200
*Uranium(chronic) = See 37.5(3) for details.			<b>Inorganic (mg/L)</b>		Iron	---	---
			<b>acute</b>	<b>chronic</b>	Lead(T)	---	100
		Ammonia	---	---	Manganese(T)	---	200
		Boron	---	0.75	Mercury(T)	---	---
		Chloride	---	---	Molybdenum(T)	---	150
		Chlorine	---	---	Nickel(T)	---	200
		Cyanide	0.2	---	Selenium(T)	---	20
		Nitrate	100	---	Silver	---	---
		Nitrite	10	---	Uranium	varies*	varies*
		Phosphorus	---	0.17	Zinc(T)	---	2000
		Sulfate	---	---			
		Sulfide	---	---			

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 Recreation P Water Supply	Temperature °C	WS-III	WS-III	Arsenic	340	---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02-10 <sup>A</sup>
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
*Uranium(acute) = See 37.5(3) for details.		<u>E-Coli</u> <u>E_coli</u> (per 100 mL)	---	205	Chromium III(T)	50	---
*Uranium(chronic) = See 37.5(3) for details.			<b>Inorganic (mg/L)</b>		Chromium VI	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVSWS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<del>0.05</del>	<del>---</del> <u>0.05</u>	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.05	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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 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 Recreation P Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340      ---
			acute	chronic	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
Other:		pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50      ---
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS      TVS
					Copper	TVS      TVS
					Inorganic (mg/L)	
			acute	chronic	Iron	---      WS
		Ammonia	TVS	TVS	Iron(T)	---      1000
		Boron	---	0.75	Lead	TVS      TVS
		Chloride	---	250	Lead(T)	50      ---
		Chlorine	0.019	0.011	Manganese	TVS      TVS/WS
		Cyanide	0.005	---	Mercury(T)	---      0.01
		Nitrate	10	---	Molybdenum(T)	---      150
		Nitrite	0.05---	--0.05	Nickel	TVS      TVS
		Phosphorus	---	0.11	Nickel(T)	---      100
		Sulfate	---	WS	Selenium	TVS      TVS
		Sulfide	---	0.002	Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					Zinc	TVS      TVS
*Uranium(acute) = See 37.5(3) for details.						
*Uranium(chronic) = See 37.5(3) for details.						

  

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 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Arsenic	340      ---
			acute	chronic	Arsenic(T)	---      0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS      TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0      ---
Other:		pH	6.5 - 9.0	---	Chromium III	---      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50      ---
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS      TVS
					Copper	TVS      TVS
					Inorganic (mg/L)	
			acute	chronic	Iron	---      WS
		Ammonia	TVS	TVS	Iron(T)	---      1000
		Boron	---	0.75	Lead	TVS      TVS
		Chloride	---	250	Lead(T)	50      ---
		Chlorine	0.019	0.011	Manganese	TVS      TVS/WS
		Cyanide	0.005	---	Mercury(T)	---      0.01
		Nitrate	10	---	Molybdenum(T)	---      150
		Nitrite	0.05---	--0.05	Nickel	TVS      TVS
		Phosphorus	---	0.11	Nickel(T)	---      100
		Sulfate	---	WS	Selenium	TVS      TVS
		Sulfide	---	0.002	Silver	TVS      TVS(tr)
					Uranium	varies*      varies*
					Zinc	TVS      TVS
Temporary Modification(s):						
Arsenic(chronic) = hybrid						
Expiration Date of 12/31/2024						
*Uranium(acute) = See 37.5(3) for details.						
*Uranium(chronic) = See 37.5(3) for details.						

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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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 Recreation E Water Supply	Temperature °C	WS-II	WS-II	Arsenic	340	---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Temporary Modification(s):		<b>E-ColiE. coli</b> (per 100 mL)	---	126	Chromium III(T)	50	---
Arsenic(chronic) = hybrid					Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 37.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 37.5(3) for details.					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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.

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 Recreation E Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340	---
			<b>acute</b>	<b>chronic</b>	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<b>E-ColiE. coli</b> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).					Iron	---	WS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).					Iron(T)	---	1000
*Uranium(acute) = See 37.5(3) for details.					Lead	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					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 further details on applied standards.



# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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 Recreation E Water Supply	Temperature °C	varies*	varies*	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
*Uranium(acute) = See 37.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Boron	---	0.75	Lead(T)	50	---
*Temperature =		Chloride	---	250	Manganese	TVS	TVS/WS
DM=CS-II and MWAT=CS-II from 11/1-3/31		Chlorine	0.019	0.011	Mercury(T)	---	0.01
DM=25.1 and MWAT=18.9 from 4/1-10/31		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

  

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 listings in segments 5, 15a and 21.							
COLCLC16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1 Recreation E Water Supply	Temperature °C	varies*	varies*	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<del>E-Coli</del> E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 37.5(4).		Ammonia	TVS	TVS	Lead	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 37.5(4).		Boron	---	0.75	Lead(T)	50	---
*Uranium(acute) = See 37.5(3) for details.		Chloride	---	250	Manganese	TVS	TVS/WS
*Uranium(chronic) = See 37.5(3) for details.		Chlorine	0.019	0.011	Mercury(T)	---	0.01
*Temperature =		Cyanide	0.005	---	Molybdenum(T)	---	150
DM=WS-II and MWAT=WS-II from 12/1-2/29		Nitrate	10	---	Nickel	TVS	TVS
DM=31 and MWAT=WS-II from 3/1-11/30		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	Nickel(T)	---	100
		Phosphorus	---	0.11*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	varies*	varies*
					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 further details on applied standards.

# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

17a. Rapid Creek, including all tributaries and wetlands, from its source to below the confluence with Cottonwood Creek (39.130512, -108.301028), including Kruzen Springs.							
COLCLC17A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
OW	Aq Life Cold 1 Recreation P Water Supply	CS-II	CS-II	---	---	---	
		acute	chronic	Arsenic	340	---	
		---	6.0	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	
		pH	6.5 - 9.0	---	Chromium III	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	---	WS	
		TVS	TVS	Iron(T)	---	1000	
		---	0.75	Lead	TVS	TVS	
		---	250	Lead(T)	50	---	
		0.019	0.011	Manganese	TVS	TVS/WS	
		0.005	---	Mercury(T)	---	0.01	
		10	---	Molybdenum(T)	---	150	
		0.05	---	Nickel	TVS	TVS	
		---	0.11	Nickel(T)	---	100	
		---	WS	Selenium	TVS	TVS	
		---	0.002	Silver	TVS	TVS(tr)	
		---	0.002	Uranium	varies*	varies*	
		---	0.002	Zinc	TVS	TVS	

  

17b. Rapid Creek, including all tributaries and wetlands, from below the confluence with Cottonwood Creek (39.130512, -108.301028) 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 Recreation P Water Supply	CS-II	CS-II	---	---	---	
		acute	chronic	Arsenic	340	---	
		---	6.0	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	
		pH	6.5 - 9.0	---	Chromium III	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	50	
		<del>E. Coli</del> <u>E. coli</u> (per 100 mL)	---	205	Chromium VI	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	---	WS	
		TVS	TVS	Iron(T)	---	1000	
		---	0.75	Lead	TVS	TVS	
		---	250	Lead(T)	50	---	
		0.019	0.011	Manganese	TVS	TVS/WS	
		0.005	---	Mercury(T)	---	0.01	
		10	---	Molybdenum(T)	---	150	
		0.05	---	Nickel	TVS	TVS	
		---	0.11	Nickel(T)	---	100	
		---	WS	Selenium	TVS	TVS	
		---	0.002	Silver	TVS	TVS(tr)	
		---	0.002	Uranium	varies*	varies*	
		---	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 further details on applied standards.





# REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Lower Colorado River

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	varies*	varies* <sup>B</sup>	340	---	---
	Recreation E	acute	chronic	---	0.02	
	Water Supply	---	6.0	TVS	TVS	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	TVS	TVS
<b>Other:</b>		D.O. (spawning)	---	7.0	5.0	---
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		pH	6.5 - 9.0	---	---	TVS
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	50	---
*Uranium(acute) = See 37.5(3) for details.		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	TVS	TVS
*Uranium(chronic) = See 37.5(3) for details.		Inorganic (mg/L)			TVS	TVS
*Temperature =		acute	chronic	---	WS	
DM and MWAT=CLL from 1/1-3/31		Ammonia	TVS	TVS	---	1000
Vega Reservoir		Boron	---	0.75	TVS	TVS
DM=CLL and MWAT=21.5 from 4/1-12/31		Chloride	---	250	50	---
Rifle Gap Reservoir		Chlorine	0.019	0.011	TVS	TVS/WS
DM=CLL and MWAT=23 from 4/1-12/31		Chlorine	0.019	0.011	---	0.01
All others		Cyanide	0.005	---	---	150
DM and MWAT=CLL from 4/1-12/31		Nitrate	10	---	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	---	100
		Phosphorus	---	0.025*	TVS	TVS
		Sulfate	---	WS	TVS	TVS(tr)
		Sulfide	---	0.002	varies*	varies*
					TVS	TVS

  

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	CL	CL	340	---	---
	Recreation U	acute	chronic	---	0.02	
	Water Supply	---	6.0	TVS	TVS	
	DUWS*	D.O. (mg/L)	---	6.0	TVS	TVS
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	5.0	---
<b>Other:</b>		pH	6.5 - 9.0	---	---	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8*	50	---
*Classification: Jerry Creek Reservoir Number 1 and Number 2 = DUWS, Palisade Cabin Reservoir = DUWS		<del>E.-Coli</del> E. coli (per 100 mL)	---	126	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		Inorganic (mg/L)			TVS	TVS
*Uranium(acute) = See 37.5(3) for details.		acute	chronic	---	WS	
*Uranium(chronic) = See 37.5(3) for details.		Ammonia	TVS	TVS	---	1000
		Boron	---	0.75	TVS	TVS
		Chloride	---	250	50	---
		Chlorine	0.019	0.011	TVS	TVS/WS
		Cyanide	0.005	---	---	0.01
		Nitrate	10	---	TVS	TVS
		Nitrite	<del>0.05</del> ---	<del>---</del> 0.05	---	100
		Phosphorus	---	0.025*	TVS	TVS
		Sulfate	---	WS	TVS	TVS(tr)
		Sulfide	---	0.002	varies*	varies*
					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 further details on applied 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.