

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

5 CCR 1002-33

**REGULATION NO. 33
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
UPPER COLORADO RIVER BASIN AND
NORTH PLATTE RIVER (PLANNING REGION 12)**

**APPENDIX 33-1
Stream Classifications and Water Quality Standards Tables**

Effective 12/31/2024

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>
EQ	=	existing quality
mg/L	=	milligrams per liter
mg/m ²	=	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 #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper Colorado River Basin

3. Mainstem of the Colorado River from the outlet of Lake Granby to below the confluence with the Roaring Fork River.							
COUCUC03	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1 Recreation E Water Supply	varies*	varies*	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *Temperature = See 33.6(4) for temperature standards.	D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)

4. All tributaries to the Colorado River, including all wetlands, from the outlet of Lake Granby to above the confluence with the Roaring Fork River, which are on National Forest lands, except for the specific listings in Segments 2, 8, 9 and 10a.

4. All tributaries to the Colorado River, including all wetlands, from the outlet of Lake Granby to above the confluence with the Roaring Fork River, which are on National Forest lands, except for the specific listings in Segments 2, 8, 9 and 10a.							
COUCUC04	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	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Colorado River Basin

5. Mainstem of Willow Creek from the outlet of Willow Creek Reservoir to the confluence with the Colorado River.							
COUCUC05	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
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)
6a. All tributaries to the Colorado River, including all wetlands, from the border of Rocky Mountain National Park and Arapahoe National Recreation Area to a point immediately above the confluence with the Blue River and Muddy Creek, which are not on National Forest lands, except for the specific listings in Segments 5, 6b, 8 and 10a-c.							
COUCUC06A	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
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		E. Coli (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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper Colorado River Basin

6b. Mainstem of un-named tributary to Willow Creek from the headwaters to the confluence with Willow Creek (40.131422, -105.920895).							
COUCUC06B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
Reviewable	Aq Life Cold 2 Recreation N	Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	100	
Other:	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).	D.O. (spawning)	---	7.0	Chromium III	TVS	TVS	
*Uranium(acute) = See 33.5(3) for details.	pH	6.5 - 9.0	---	Chromium III(T)	---	100	
*Uranium(chronic) = See 33.5(3) for details.	chlorophyll a (mg/m ²)	---	---	Chromium VI	TVS	TVS	
	E. Coli (per 100 mL)	---	630	Copper	TVS	TVS	
	Inorganic (mg/L)			Iron(T)	---	1000	
	acute	chronic	Lead	TVS	TVS		
	Ammonia	TVS	TVS	Manganese	TVS	TVS	
	Boron	---	0.75	Manganese(T)	---	200	
	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	Silver	TVS	TVS(tr)	
	Phosphorus	---	TVS*	Uranium	varies*	varies*	
	Sulfate	---	---	Zinc	TVS	TVS	
	Sulfide	---	0.002				
7a. All tributaries to the Colorado River, including all wetlands, from a point immediately above the confluence with the Blue River and Muddy Creek to a point immediately below the confluence with the Roaring Fork River, which are not on National Forest lands, except for waterbodies in Upper Colorado Segments 7b, 7c, 7d, and 7e and waterbodies in the Blue River, Eagle River, and Roaring Fork River basins.							
COUCUC07A	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	---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
Other:	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
Temporary Modification(s):	D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
Arsenic(chronic) = hybrid	pH	6.5 - 9.0	---	Chromium III	---	TVS	
Expiration Date of 12/31/2029	chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---	
*Uranium(acute) = See 33.5(3) for details.	E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	
*Uranium(chronic) = See 33.5(3) for details.	Inorganic (mg/L)			Copper	TVS	TVS	
*Temperature = See 33.6(4) for temperature standards.	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	Nickel	TVS	TVS	
	Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper Colorado River Basin

7b. All tributaries to Muddy Creek, including all wetlands, from the inlet of Wolford Mountain Reservoir to the confluence with the Colorado River. Mainstems of Rock Creek, Deep Creek, Sheephorn Creek, Sweetwater Creek, Piney River and Blacktail Creek, including all tributaries and wetlands, from their sources to their confluences with the Colorado River, which are not on National Forest lands.

COUCUC07B		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 E		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			
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---			
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS			
Expiration Date of 12/31/2029					Copper	TVS	TVS			
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).		Inorganic (mg/L)			Iron	---	WS			
*Uranium(acute) = See 33.5(3) for details.			acute	chronic	Iron(T)	---	1000			
*Uranium(chronic) = See 33.5(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	---	0.05	Nickel(T)	---	100			
		Phosphorus	---	TVS*	Selenium	TVS	TVS			
		Sulfate	---	WS	Silver	TVS	TVS(tr)			
		Sulfide	---	0.002	Uranium	varies*	varies*			
					Zinc	TVS	TVS/TVS(sc)			

7c. Mainstem of Muddy Creek from the source to a point immediately below the confluence with Eastern Gulch, except those waters on National Forest lands. All tributaries to Muddy Creek, including all wetlands, from the source to the inlet of Wolford Mountain Reservoir, except those waters on National Forest lands. The mainstems of Derby Creek, Cabin Creek, and Red Dirt Creeks (all tributary to the Colorado River), including all tributaries and wetlands, from their sources to their confluences with the Colorado River, except those waters on National Forest lands.

COUCUC07C		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 N		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			
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	50	---			
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	630	Chromium VI	TVS	TVS			
Expiration Date of 12/31/2029					Copper	TVS	TVS			
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Iron	---	WS			
*Uranium(chronic) = See 33.5(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	---	0.05	Nickel(T)	---	100			
		Phosphorus	---	TVS	Selenium	TVS	TVS			
		Sulfate	---	WS	Silver	TVS	TVS(tr)			
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

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7d. Mainstem of Muddy Creek from the outlet of Wolford Mountain Reservoir to above the Highway 40 Bridge in Kremmling (40.060574, -106.398739).						
COUCUC07D	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT		acute	chronic
Reviewable		acute	chronic	Arsenic	340	---
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	Temperature °C	CS-II	CS-II	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 ²)	---	TVS	Chromium III(T)	50	---
	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	---	0.05	Nickel	TVS	TVS
	Phosphorus	---	TVS*	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS
	Sulfide	---	0.002	Silver	TVS	TVS(tr)
				Uranium	varies*	varies*
				Zinc	TVS	TVS/TVS(sc)

7e. Mainstem of Muddy Creek from above the Highway 40 Bridge in Kremmling (40.060574, -106.398739) to the confluence with the Colorado River.						
COUCUC07E	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Cold 1 Recreation E	DM	MWAT		acute	chronic
Reviewable		acute	chronic	Arsenic	340	---
Qualifiers: Other: *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	Temperature °C	CS-II	CS-II	Arsenic(T)	---	7.6
	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 ²)	---	TVS	Chromium VI	TVS	TVS
	E. Coli (per 100 mL)	---	126	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	---	250	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	Uranium	varies*	varies*
	Phosphorus	---	TVS*	Zinc	TVS	TVS
	Sulfate	---	---			

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 33.6 for further details on applied standards.

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8. Mainstem of the Williams Fork River, including all tributaries and wetlands, from the source to the confluence with the Colorado River, except for those tributaries in Segment 9.									
COUCUC08	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	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 ---			
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Iron(chronic) = Point of compliance at Aspen Canyon Ranch well. *Manganese(chronic) = Point of compliance at Aspen Canyon Ranch well. *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	---	TVS		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS		
		Inorganic (mg/L)			Copper	TVS	TVS		
					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)	---	190		
		Nitrate	10	---	Nickel	TVS	TVS		
		Nitrite	---	0.05	Nickel(T)	---	100		
		Phosphorus	---	TVS	Selenium	TVS	TVS		
		Sulfate	---	WS	Silver	TVS	TVS(tr)		
Sulfide	---	0.002	Uranium	varies*	varies*				
			Zinc	TVS	TVS/TVS(sc)				
9. All tributaries to the Colorado River and Fraser River, including all wetlands, within the Never Summer, Indian Peaks, Byers Peak, Vasquez Peak, Eagles Nest and Flat Tops Wilderness Areas.									
COUCUC09	Classifications	Physical and Biological			Metals (ug/L)				
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute chronic					
OW		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 ---			
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	---	TVS		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS		
		Inorganic (mg/L)			Copper	TVS	TVS		
					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	---	0.05	Nickel(T)	---	100		
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Upper Colorado River Basin

10a. Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge (39.933728, -105.789785). All tributaries to the Fraser River, including wetlands, from the source to the confluence with the Colorado River, except for those tributaries included in Segments 2 and 9.										
COUCUC10A	Classifications	Physical and Biological			Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute chronic						
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic	Temperature °C	CS-I	CS-I	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	D.O. (spawning)	---	7.0	Arsenic(T)	---	0.02
Other:		pH	6.5 - 9.0	---	Chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	Chromium VI	TVS	TVS
		Inorganic (mg/L)								
		acute	chronic							
		Ammonia	TVS	TVS	Copper	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	Nickel	TVS	TVS
		Cyanide	0.005	---	Molybdenum(T)	---	150	Nickel(T)	---	100
		Nitrate	10	---	Selenium	TVS	TVS	Silver	TVS	TVS(tr)
		Nitrite	---	0.05	Uranium	varies*	varies*	Zinc	TVS	TVS/TVS(sc)
		Phosphorus	---	TVS*						
		Sulfate	---	WS						
		Sulfide	---	0.002						

10b. Mainstem of the Fraser River from a point immediately below the Rendezvous Bridge (39.933728, -105.789785) to a point immediately below the Hammond No 1 Ditch (39.952113, -105.814481).										
COUCUC10B	Classifications	Physical and Biological			Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute chronic						
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic	Temperature °C	CS-II	CS-II	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	D.O. (spawning)	---	7.0	Arsenic(T)	---	0.02
Other:		pH	6.5 - 9.0	---	Chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	Chromium VI	TVS	TVS
		Inorganic (mg/L)								
		acute	chronic							
		Ammonia	TVS	TVS	Copper	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	Nickel	TVS	TVS
		Cyanide	0.005	---	Molybdenum(T)	---	150	Nickel(T)	---	100
		Nitrate	10	---	Selenium	TVS	TVS	Silver	TVS	TVS(tr)
		Nitrite	---	0.05	Uranium	varies*	varies*	Zinc	TVS	TVS/TVS(sc)
		Phosphorus	---	---						
		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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

1. Mainstem of the Blue River from the source to above the confluence with French Gulch.							
COUCBL01	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 TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---	
		pH	6.5 - 9.0	---	---	Chromium III	---
		chlorophyll a (mg/m ²)	---	TVS	---	Chromium III(T)	50 ---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
				Uranium	varies*	varies*	
				Zinc	TVS	TVS/TVS(sc)	
2a. Mainstem of the Blue River from above the confluence with French Gulch to a point one half mile below Coyne Valley Road (39.523189, -106.050805).							
COUCBL02A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
UP	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	4 4	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *Zinc(acute) = e^(1.25 (ln(hard)+0.799)) *Zinc(chronic) = e^(1.25 (ln(hard)+0.799))		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---	
		pH	6.5 - 9.0	---	---	Chromium III	---
		chlorophyll a (mg/m ²)	---	TVS	---	Chromium III(T)	50 ---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
				Uranium	varies*	varies*	
				Zinc	SSE*	SSE*	

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

2b. Mainstem of the Blue River from a point one half mile below Coyne Valley Road (39.523189, -106.050805) to above the confluence with the Swan River.						
COUCBL02B	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	---
		acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	SSE*
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0
		pH	6.5 - 9.0	---	Chromium III	---
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Lead(T)	50
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury(T)	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	---	Nickel(T)	---
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	varies*
					Zinc	SSE*
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Cadmium(acute) = $1/2e^{(1.0166(\ln(\text{hard})-3.132))}$ *Cadmium(chronic) = $1/2e^{(1.0166(\ln(\text{hard})-3.132))}$ *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *Zinc(acute) = $e^{(0.9805(\ln(\text{hard})+1.402))}$ *Zinc(chronic) = $e^{(0.9805(\ln(\text{hard})+1.402))}$						

2c. Mainstem of the Blue River from above the confluence with the Swan River to Dillon Reservoir.						
COUCBL02C	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	---
		acute	chronic	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 ²)	---	TVS	Chromium III(T)	50
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
		acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Lead(T)	50
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury(T)	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	---	Nickel(T)	---
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	varies*
					Zinc	TVS
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

4b. North Fork of the Swan River, including all tributaries and wetlands, from the source to the confluence with the Swan River.							
COUCBL04B	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
OW	Agriculture Aq Life Cold 1 Recreation E 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
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					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	Selenium	TVS	TVS
		Phosphorus	---	TVS	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	varies*	varies*
		Sulfide	---	0.002	Zinc	TVS	TVS/TVS(sc)
5. Deleted.							
COUCBL05	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
			acute	chronic			
Qualifiers:							
Other:							
			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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

6a. Mainstem of the Snake River, including all tributaries and wetlands, from the source to Dillon Reservoir, except for specific listings in Segments 6b, 7, 8 and 9.						
COUCBL06A	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute chronic		
UP		CS-I	CS-I	Temperature °C	Arsenic	340 ---
		acute	chronic		Arsenic(T)	--- 0.02
		---	6.0	D.O. (mg/L)	Cadmium	TVS TVS
		---	7.0	D.O. (spawning)	Cadmium(T)	5.0 ---
		6.5 - 9.0	---	pH	Chromium III	--- TVS
		---	TVS	chlorophyll a (mg/m ²)	Chromium III(T)	50 ---
		---	126	E. Coli (per 100 mL)	Chromium VI	TVS TVS
		Inorganic (mg/L)			Copper	TVS TVS
		acute	chronic		Iron	--- WS
		TVS	TVS	Ammonia	Iron(T)	--- 1000
		---	0.75	Boron	Lead	TVS TVS
		---	250	Chloride	Lead(T)	50 ---
		0.019	0.011	Chlorine	Manganese	TVS TVS/WS
		0.005	---	Cyanide	Mercury(T)	--- 0.01
		10	---	Nitrate	Molybdenum(T)	--- 150
		---	0.05	Nitrite	Nickel	TVS TVS
		---	TVS*	Phosphorus	Nickel(T)	--- 100
		---	WS	Sulfate	Selenium	TVS TVS
		---	0.002	Sulfide	Silver	TVS TVS(tr)
					Uranium	varies* varies*
					Zinc	TVS TVS
6b. Mainstem of Camp Creek, including all tributaries and wetlands, from the source to the confluence with the Snake River.						
COUCBL06B	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	Temperature °C	Arsenic	340 ---
		acute	chronic		Arsenic(T)	--- 0.02
		---	6.0	D.O. (mg/L)	Cadmium	TVS TVS
		---	7.0	D.O. (spawning)	Cadmium(T)	5.0 ---
		6.5 - 9.0	---	pH	Chromium III	--- TVS
		---	TVS	chlorophyll a (mg/m ²)	Chromium III(T)	50 ---
		---	126	E. Coli (per 100 mL)	Chromium VI	TVS TVS
		Inorganic (mg/L)			Copper	TVS TVS
		acute	chronic		Iron	--- WS
		TVS	TVS	Ammonia	Iron(T)	--- 1000
		---	0.75	Boron	Lead	TVS TVS
		---	250	Chloride	Lead(T)	50 ---
		0.019	0.011	Chlorine	Manganese	TVS TVS/WS
		0.005	---	Cyanide	Mercury(T)	--- 0.01
		10	---	Nitrate	Molybdenum(T)	--- 150
		---	0.05	Nitrite	Nickel	TVS TVS
		---	TVS	Phosphorus	Nickel(T)	--- 100
		---	WS	Sulfate	Selenium	TVS TVS
		---	0.002	Sulfide	Silver	TVS TVS(tr)
					Uranium	varies* varies*
					Zinc	--- SSE*
					Zinc	SSE* ---

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Blue River Basin

7. Mainstem of Peru Creek, including all tributaries and wetlands, from the source to the confluence with the Snake River, except for specific listings in Segment 8.

COUCBL07	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Aq Life Cold 1	DM	MWAT		acute	chronic	
UP	Recreation E	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	
*Uranium(acute) = See 33.5(3) for details.	D.O. (spawning)	---	7.0	Chromium III	TVS	TVS	
*Uranium(chronic) = See 33.5(3) for details.	pH	6.5 - 9.0	---	Chromium VI	TVS	TVS	
	chlorophyll a (mg/m ²)	---	TVS	Copper	TVS	TVS	
	E. Coli (per 100 mL)	---	126	Iron(T)	---	1000	
				Lead	TVS	TVS	
	Inorganic (mg/L)			Manganese	TVS	TVS	
		acute	chronic	Mercury(T)	---	0.01	
	Ammonia	TVS	TVS	Molybdenum(T)	---	---	
	Boron	---	---	Nickel	TVS	TVS	
	Chloride	---	---	Selenium	TVS	TVS	
	Chlorine	0.019	0.011	Silver	TVS	TVS(tr)	
	Cyanide	0.005	---	Uranium	varies*	varies*	
	Nitrate	---	---	Zinc	TVS	TVS	
	Nitrite	---	0.05				
	Phosphorus	---	TVS				
	Sulfate	---	---				
	Sulfide	---	0.002				

8. Mainstem of Keystone Gulch, including all tributaries and wetlands, from the source to the confluence with the Snake River. Mainstem of Chihuahua Creek, including all tributaries and wetlands, from the source to the confluence with Peru Creek. Mainstem of the North Fork Snake River, including all tributaries and wetlands, from the source to the confluence with the Snake River. Mainstem of Jones Gulch, including all tributaries and wetlands, from the source to the confluence with the Snake River.

COUCBL08	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 E				Arsenic(T)	---	0.02
	Water Supply	acute	chronic		Cadmium	TVS	TVS
Qualifiers:	D.O. (mg/L)	---	6.0	Cadmium(T)	5.0	---	
Other:	D.O. (spawning)	---	7.0	Chromium III	---	TVS	
Temporary Modification(s):	pH	6.5 - 9.0	---	Chromium III(T)	50	---	
Arsenic(chronic) = hybrid	chlorophyll a (mg/m ²)	---	TVS	Chromium VI	TVS	TVS	
Expiration Date of 12/31/2029	E. Coli (per 100 mL)	---	126	Copper	TVS	TVS	
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).				Iron	---	WS	
*Uranium(acute) = See 33.5(3) for details.	Inorganic (mg/L)			Iron(T)	---	1000	
*Uranium(chronic) = See 33.5(3) for details.		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	Selenium	TVS	TVS	
	Phosphorus	---	TVS*	Silver	TVS	TVS(tr)	
	Sulfate	---	WS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

9. Mainstem of Deer Creek, including all tributaries and wetlands, from the source to the confluence with the Snake River.									
COUCBL09	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		
		---	6.0	D.O. (mg/L)	TVS	TVS			
		---	7.0	D.O. (spawning)	5.0	---			
		6.5 - 9.0	---	pH	---	TVS			
		---	TVS	chlorophyll a (mg/m ²)	50	---			
		---	126	E. Coli (per 100 mL)	TVS	TVS			
		Inorganic (mg/L)			Copper	TVS	TVS		
		acute	chronic	Iron	---	WS			
		TVS	TVS	Iron(T)	---	1000			
		---	0.75	Ammonia	TVS	TVS			
		---	250	Boron	50	---			
		0.019	0.011	Chloride	TVS	TVS/WS			
		0.005	---	Chlorine	---	0.01			
		10	---	Cyanide	---	150			
		---	0.05	Nitrate	TVS	TVS			
		---	TVS	Nitrite	TVS	TVS			
		---	WS	Phosphorus	TVS	TVS(tr)			
		---	0.002	Sulfate	varies*	varies*			
		---	0.002	Sulfide	TVS	TVS			
		---	0.002	Zinc	TVS	TVS			

*Uranium(acute) = See 33.5(3) for details.
*Uranium(chronic) = See 33.5(3) for details.

10. Mainstem of French Gulch, including all tributaries and wetlands, from the source to a point 1.5 miles below Lincoln (39.484661, -105.995074).									
COUCBL10	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		
		---	6.0	D.O. (mg/L)	TVS	TVS			
		---	7.0	D.O. (spawning)	5.0	---			
		6.5 - 9.0	---	pH	---	TVS			
		---	TVS	chlorophyll a (mg/m ²)	50	---			
		---	126	E. Coli (per 100 mL)	TVS	TVS			
		Inorganic (mg/L)			Copper	TVS	TVS		
		acute	chronic	Iron	---	WS			
		TVS	TVS	Iron(T)	---	1000			
		---	0.75	Ammonia	TVS	TVS			
		---	250	Boron	50	---			
		0.019	0.011	Chloride	TVS	TVS/WS			
		0.005	---	Chlorine	---	0.01			
		10	---	Cyanide	---	150			
		---	0.05	Nitrate	TVS	TVS			
		---	TVS	Nitrite	TVS	TVS			
		---	WS	Phosphorus	TVS	TVS(tr)			
		---	0.002	Sulfate	varies*	varies*			
		---	0.002	Sulfide	TVS	TVS			
		---	0.002	Zinc	TVS	TVS			

*Uranium(acute) = See 33.5(3) for details.
*Uranium(chronic) = See 33.5(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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

11. Mainstem of French Gulch from a point 1.5 miles below Lincoln (39.484661, -105.995074) to the confluence with the Blue River.									
COUCBL11	Classifications	Physical and Biological			Metals (ug/L)				
Designation	Agriculture Aq Life Cold 1 Recreation E	DM	MWAT	acute chronic					
UP		CS-I	CS-I	Temperature °C	Arsenic	340	---		
Qualifiers:		acute	chronic	D.O. (mg/L)	Arsenic(T)	---	7.6		
Other:		---	6.0	D.O. (spawning)	Cadmium	EQ*	EQ*		
*Cadmium(acute) = existing quality		---	7.0	pH	Chromium III	TVS	TVS		
*Cadmium(chronic) = existing quality		6.5 - 9.0	---	chlorophyll a (mg/m ²)	Chromium III(T)	---	100		
*Uranium(acute) = See 33.5(3) for details.		---	TVS	E. Coli (per 100 mL)	Chromium VI	TVS	TVS		
*Uranium(chronic) = See 33.5(3) for details.		---	126	Inorganic (mg/L)			Copper	TVS	TVS
*Zinc(acute) = existing quality		acute	chronic	Ammonia	Iron(T)	---	1000		
*Zinc(chronic) = existing quality		TVS	TVS	Boron	Lead	TVS	TVS		
		---	0.75	Chloride	Mercury(T)	---	0.01		
		---	---	Chlorine	Molybdenum(T)	---	150		
		0.019	0.011	Cyanide	Nickel	TVS	TVS		
		0.005	---	Nitrate	Selenium	TVS	TVS		
		100	---	Nitrite	Silver	TVS	TVS(tr)		
		---	0.05	Phosphorus	Uranium	varies*	varies*		
		---	TVS	Sulfate	Zinc	EQ*	EQ*		
		---	---	Sulfide	Manganese	TVS	TVS		
		---	0.002		Manganese	TVS	TVS		
12. Mainstem of Illinois Gulch and Fredonia Gulch from their sources to their confluences with the Blue River.									
COUCBL12	Classifications	Physical and Biological			Metals (ug/L)				
Designation	Agriculture Aq Life Cold 2 Recreation P Water Supply	DM	MWAT	acute chronic					
Reviewable		CS-I	CS-I	Temperature °C	Arsenic	340	---		
Qualifiers:		acute	chronic	D.O. (mg/L)	Arsenic(T)	---	0.02-10 ^A		
Other:		---	6.0	D.O. (spawning)	Cadmium	TVS	TVS		
*Uranium(acute) = See 33.5(3) for details.		---	7.0	pH	Cadmium(T)	5.0	---		
*Uranium(chronic) = See 33.5(3) for details.		6.5 - 9.0	---	chlorophyll a (mg/m ²)	Chromium III	---	TVS		
		---	TVS	E. Coli (per 100 mL)	Chromium III(T)	50	---		
		---	205	Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Ammonia	Copper	TVS	TVS		
		TVS	TVS	Boron	Iron	---	WS		
		---	0.75	Chloride	Iron(T)	---	1000		
		---	250	Chlorine	Lead	TVS	TVS		
		0.019	0.011	Cyanide	Lead(T)	50	---		
		0.005	---	Nitrate	Manganese	TVS	TVS/WS		
		10	---	Nitrite	Mercury(T)	---	0.01		
		---	0.05	Phosphorus	Molybdenum(T)	---	150		
		---	TVS	Sulfate	Nickel	TVS	TVS		
		---	WS	Sulfide	Nickel(T)	---	100		
		---	0.002		Selenium	TVS	TVS		
		---	---		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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Blue River Basin

13. Mainstem of Tenmile Creek from the Climax Parshall Flume (39.447556, -106.157003) to a point immediately above the confluence of West Tenmile Creek and all tributaries and wetlands from the source of Tenmile Creek to a point immediately above the confluence with West Tenmile Creek, except for the specific listing in Segment 15.

COUCBL13	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1 Recreation P	acute	chronic				
Qualifiers: Other: *Any water quality based effluent limit shall not cause or contribute to exceedances of water quality standards adopted to protect downstream uses. *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	D.O. (mg/L)	---	6.0	Arsenic	340	---	
	D.O. (spawning)	---	7.0	Arsenic(T)	---	7.6	
	pH	6.5 - 9.0	---	Cadmium	TVS	TVS	
	chlorophyll a (mg/m ²)	---	TVS	Chromium III	TVS	TVS	
	E. Coli (per 100 mL)	---	205	Chromium III(T)	---	100	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
				Copper	TVS	TVS	
				Iron(T)	---	1000	
				Lead	TVS	TVS	
				Manganese	TVS	TVS	
	Ammonia	TVS	TVS	Mercury(T)	---	0.01	
	Boron	---	0.75	Molybdenum(T)	---	---	
	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	Zinc	TVS	TVS/TVS(sc)	
	Phosphorus	---	TVS*				
	Sulfate	---	---				
	Sulfide	---	0.002				

14. Mainstem of Tenmile Creek, including all tributaries and wetlands, from a point immediately above the confluence with West Tenmile Creek to Dillon Reservoir, except for the specific listings in Segment 16.

COUCBL14	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic				
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	Temperature °C	CS-I	CS-I	Arsenic	340	---	
	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
	D.O. (spawning)	---	7.0	Cadmium	TVS	TVS	
	pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
	chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS	
	E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
				Copper	TVS	TVS	
				Iron	---	WS	
				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)	---	530	
	Nitrate	10	---	Nickel	TVS	TVS	
	Nitrite	---	0.05	Nickel(T)	---	100	
	Phosphorus	---	TVS*	Selenium	TVS	TVS	
	Sulfate	---	WS	Silver	TVS	TVS(tr)	
	Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

15. Mainstem of Clinton Creek from the source to the confluence with Tenmile Creek.							
COUCBL15	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	Temperature °C	Arsenic	340	---
Qualifiers:		acute	chronic	D.O. (mg/L)	Arsenic(T)	---	0.02
Other:		---	6.0	D.O. (spawning)	Cadmium	TVS	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		6.5 - 9.0	---	pH	Chromium III	---	TVS
		---	TVS	chlorophyll a (mg/m ²)	Chromium III(T)	50	---
		---	126	E. Coli (per 100 mL)	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	Iron(T)	---	1000
		TVS	TVS	Ammonia	Lead	TVS	TVS
		---	0.75	Boron	Lead(T)	50	---
		---	250	Chloride	Manganese	TVS	TVS/WS
		0.019	0.011	Chlorine	Mercury(T)	---	0.01
		0.005	---	Cyanide	Molybdenum(T)	---	210
		10	---	Nitrate	Nickel	TVS	TVS
		---	0.05	Nitrite	Nickel(T)	---	100
		---	TVS	Phosphorus	Selenium	TVS	TVS
		---	WS	Sulfate	Silver	TVS	TVS(tr)
		---	0.002	Sulfide	Uranium	varies*	varies*
					Zinc	TVS	TVS
16. All tributaries to the Blue River, including all wetlands, within the Eagles Nest and Ptarmigan Peak Wilderness Areas.							
COUCBL16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
OW	Aq Life Cold 1 Recreation E Water Supply	CS-I	CS-I	Temperature °C	Arsenic	340	---
Qualifiers:		acute	chronic	D.O. (mg/L)	Arsenic(T)	---	0.02
Other:		---	6.0	D.O. (spawning)	Cadmium	TVS	TVS
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		6.5 - 9.0	---	pH	Chromium III	---	TVS
		---	TVS	chlorophyll a (mg/m ²)	Chromium III(T)	50	---
		---	126	E. Coli (per 100 mL)	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	Iron(T)	---	1000
		TVS	TVS	Ammonia	Lead	TVS	TVS
		---	0.75	Boron	Lead(T)	50	---
		---	250	Chloride	Manganese	TVS	TVS/WS
		0.019	0.011	Chlorine	Mercury(T)	---	0.01
		0.005	---	Cyanide	Molybdenum(T)	---	150
		10	---	Nitrate	Nickel	TVS	TVS
		---	0.05	Nitrite	Nickel(T)	---	100
		---	TVS	Phosphorus	Selenium	TVS	TVS
		---	WS	Sulfate	Silver	TVS	TVS(tr)
		---	0.002	Sulfide	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

17. Mainstem of the Blue River from the outlet of Dillon Reservoir to the confluence with the Colorado River.									
COUCBL17	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	---
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 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS		
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---		
		Inorganic (mg/L)			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	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(tr)				
			Uranium	varies*	varies*				
			Zinc	TVS	TVS/TVS(sc)				

18. All tributaries to the Blue River, including all wetlands, from the outlet of Dillon Reservoir to the outlet of Green Mountain Reservoir, except for the specific listings in Segment 16.									
COUCBL18	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	---
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 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS		
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---		
		Inorganic (mg/L)			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	Mercury(T)	---	0.01		
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Blue River Basin

19. All tributaries to the Blue River, including all wetlands, from the outlet of Green Mountain Reservoir to the confluence with the Colorado River, except for specific listings in Segment 20.							
COUCBL19	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation N Water Supply	DM	MWAT				
Reviewable		acute	chronic	acute	chronic		
		Temperature °C	CS-I	CS-I	Arsenic	340 ---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	--- 0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium	TVS TVS	
Other:	*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	pH	6.5 - 9.0	---	Cadmium(T)	5.0 ---	
		chlorophyll a (mg/m ²)	---	---	---	Chromium III	--- TVS
		E. Coli (per 100 mL)	---	630	---	Chromium III(T)	50 ---
						Chromium VI	TVS TVS
						Copper	TVS TVS
						Iron	--- WS
						Iron(T)	--- 1000
						Lead	TVS TVS
						Lead(T)	50 ---
						Manganese	TVS TVS/WS
						Mercury(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	
20. Mainstems of Elliot Creek and Spruce Creek, including all tributaries and wetlands, from their sources to the confluence with the Blue River.							
COUCBL20	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation N Water Supply	DM	MWAT				
Reviewable		acute	chronic	acute	chronic		
		Temperature °C	CS-I	CS-I	Arsenic	340 ---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	--- 0.02	
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium	TVS TVS	
Other:	*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	pH	6.5 - 9.0	---	Cadmium(T)	5.0 ---	
		chlorophyll a (mg/m ²)	---	---	---	Chromium III	--- TVS
		E. Coli (per 100 mL)	---	630	---	Chromium III(T)	50 ---
						Chromium VI	TVS TVS
						Copper	TVS TVS
						Iron	--- WS
						Iron(T)	--- 1000
						Lead	TVS TVS
						Lead(T)	50 ---
						Manganese	TVS TVS/WS
						Mercury(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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Eagle River Basin

1. All tributaries to the Eagle River, including all wetlands, within the Gore Range - Eagles Nest and Holy Cross Wilderness Areas. Mainstem of East Brush Creek from the source to 39.498914, -106.671722. All tributaries to East Brush Creek, including wetlands, excluding the following: tributaries and wetlands within Sylvan Lake State Park, the portion of Hat Creek below 39.511013, -106.688716, the portion of Nolan Creek below 39.525486, -106.686495, and the portion of the unnamed tributary below 39.512799, -106.680681; these excluded portions remain in Segment 10a. Mainstem of West Brush Creek from the source to the Sylvan Lake State Park boundary (39.469516, -106.729231). All tributaries to West Brush Creek, including wetlands, which are not within Sylvan Lake State Park.

COUCEA01	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 E		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	
*Designation: Consistent with the provisions of section 25-8-104 C.R.S. the OW designation shall not apply with respect to the Homestake Water Project of the Cities of Aurora and Colorado Springs. *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---	
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	TVS
			acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	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	Nickel	TVS	TVS	
		Phosphorus	---	TVS	Nickel(T)	---	100	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS/TVS(sc)	

2. Mainstem of the Eagle River from the source to above the compressor house bridge at Belden (39.526879, -106.394950).

COUCEA02	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 E		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	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---	
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	TVS
			acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000	
		Boron	---	0.75	Lead	TVS	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	Nickel	TVS	TVS	
		Phosphorus	---	TVS*	Nickel(T)	---	100	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Eagle River Basin

5a. Mainstem of the Eagle River from above the compressor house bridge at Belden (39.526879, -106.394950) to a point immediately above the Highway 24 Bridge near Tigiwon Road (39.554936, -106.401691).

COUCEA05A		Physical and Biological			Metals (ug/L)		
Designation	Classifications	DM	MWAT				
Reviewable*		acute	chronic	acute	chronic		
Agriculture Aq Life Cold 1 Recreation E Water Supply		Temperature °C	CS-I	CS-I	Arsenic	340	---
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium	TVS	SSE*
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2029					Chromium VI	TVS	TVS
Designation: 9/30/00 Baseline does not apply		Inorganic (mg/L)			Copper	---	SSE
Cadmium(chronic) = (1.101672-[ln(hardness)(0.041838)])* e^(0.7998 [ln(hardness)]-3.1725)					Copper	SSE*	---
*Cadmium(acute) = 0.96*e^0.9801[ln(hardness)] - 1.1073					Iron	---	WS
*Copper(chronic) = 0.96*e^0.5897[ln(hardness)] - 0.0053					Iron(T)	---	1000
*Uranium(acute) = See 33.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chronic) = See 33.5(3) for details.		Boron	---	0.75	Lead(T)	50	---
*Zinc(acute) = 0.978*e^0.8537[ln(hardness)]+2.1302		Chloride	---	250	Manganese	TVS	TVS/WS
*Zinc(chronic) = 0.986*e^0.8537[ln(hardness)]+1.9593		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Nickel(T)	---	100
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	---	SSE*
					Zinc	SSE*	---

5b. Mainstem of the Eagle River from a point immediately above the Highway 24 Bridge near Tigiwon Road (39.554936, -106.401691) to a point immediately above the confluence with Martin Creek.

COUCEA05B		Physical and Biological			Metals (ug/L)		
Designation	Classifications	DM	MWAT				
Reviewable*		acute	chronic	acute	chronic		
Agriculture Aq Life Cold 1 Recreation E Water Supply		Temperature °C	CS-I	CS-I	Arsenic	340	---
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium	TVS	SSE*
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2029					Chromium VI	TVS	TVS
Designation: 9/30/00 Baseline does not apply		Inorganic (mg/L)			Copper	---	SSE
Cadmium(chronic) = (1.101672-[ln(hardness)(0.041838)])* e^(0.7998 [ln(hardness)]-3.1725)					Copper	SSE*	---
*Cadmium(acute) = 0.96*e^0.9801[ln(hardness)]-1.5865					Iron	---	WS
*Copper(chronic) = 0.96*e^0.5897[ln(hardness)]-0.4845					Iron(T)	---	1000
*Uranium(acute) = See 33.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chronic) = See 33.5(3) for details.		Boron	---	0.75	Lead(T)	50	---
*Zinc(acute) = 0.978*e^0.8537[ln(hardness)]+2.1302 from 1/1 - 4/30		Chloride	---	250	Manganese	TVS	TVS/WS
0.978*e^0.8537[ln(hardness)]+1.4189 from 5/1 - 12/31		Chlorine	0.019	0.011	Mercury(T)	---	0.01
*Zinc(chronic) = 0.986*e^0.8537[ln(hardness)]+1.9593 from 1/1 - 4/30		Cyanide	0.005	---	Molybdenum(T)	---	150
0.986*e^0.8537[ln(hardness)]+1.2481 from 5/1 - 12/31		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Nickel(T)	---	100
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	---	SSE*
					Zinc	SSE*	---

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Eagle River Basin

7a. Mainstem of Cross Creek from the source to below the Minturn Water Facility (39.565419, -106.417032), except for the specific listings in Segment 1.						
COUCEA07A	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	Arsenic 340 ---
Qualifiers:						Arsenic(T) --- 0.02
Other:	*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.					Cadmium TVS TVS
						Cadmium(T) 5.0 ---
						Chromium III --- TVS
						Chromium III(T) 50 ---
						Chromium VI TVS TVS
						Copper TVS TVS
						Iron --- WS
						Iron(T) --- 1000
						Lead TVS TVS
						Lead(T) 50 ---
						Manganese TVS TVS/WS
						Mercury(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)
7b. Mainstem of Cross Creek from below the Minturn Water Facility (39.565419, -106.417032) to the confluence with the Eagle River.						
COUCEA07B	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	Arsenic 340 ---
Qualifiers:						Arsenic(T) --- 0.02
Other:	*Designation: 9/30/00 Baseline does not apply *Cadmium(chronic) = (1.101672 - [ln(hardness)*0.041838])* e^(0.7998 [ln(hardness)] - 3.1725) *Copper(acute) = 0.96*e^0.9801[ln(hardness)] - 1.5865 *Copper(chronic) = 0.96*e^0.5897[ln(hardness)] - 0.4845 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *Zinc(acute) = 0.978*e^0.8537[ln(hardness)] + 2.1302 from 1/1 - 4/30 0.978*e^0.8537[ln(hardness)] + 1.4189 from 5/1 - 12/31 *Zinc(chronic) = 0.986*e^0.8537[ln(hardness)] + 1.9593 from 1/1 - 4/30 0.986*e^0.8537[ln(hardness)] + 1.2481 from 5/1 - 12/31					Cadmium TVS SSE*
						Cadmium(T) 5.0 ---
						Chromium III --- TVS
						Chromium III(T) 50 ---
						Chromium VI TVS TVS
						Copper --- SSE*
						Copper SSE* ---
						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 --- SSE*
						Zinc SSE* ---

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Eagle River Basin

8. Mainstem of Gore Creek from the confluence with Black Gore Creek to the confluence with the Eagle River.					
COUCEA08	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 ---
Qualifiers:			acute	chronic	Arsenic(T) --- 0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium TVS TVS
Temporary Modification(s):		D.O. (spawning)	---	7.0	Cadmium(T) 5.0 ---
Arsenic(chronic) = hybrid		pH	6.5 - 9.0	---	Chromium III --- TVS
Expiration Date of 12/31/2029		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T) 50 ---
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).		E. Coli (per 100 mL)	---	126	Chromium VI TVS TVS
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Copper TVS TVS
*Uranium(chronic) = See 33.5(3) for details.			acute	chronic	Iron --- WS
*Temperature =		Ammonia	TVS	TVS	Iron(T) --- 1000
DM=CS-I and MWAT=14 from 6/1-6/30		Boron	---	0.75	Lead TVS TVS
DM=CS-I and MWAT=CS-I from 7/1-9/30		Chloride	---	250	Lead(T) 50 ---
DM=CS-I and MWAT=12 from 10/1-10/15		Chlorine	0.019	0.011	Manganese TVS TVS/WS
DM=CS-I and MWAT=CS-I from 10/16-5/31		Cyanide	0.005	---	Mercury(T) --- 0.01
		Nitrate	10	---	Molybdenum(T) --- 150
		Nitrite	---	0.05	Nickel TVS TVS
		Phosphorus	---	TVS*	Nickel(T) --- 100
		Sulfate	---	WS	Selenium TVS TVS
		Sulfide	---	0.002	Silver TVS TVS(tr)
					Uranium varies* varies*
					Zinc TVS TVS/TVS(sc)
9a. Mainstem of the Eagle River from above Gore Creek to a point immediately below the confluence with Squaw Creek.					
COUCEA09A	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 ---
Qualifiers:			acute	chronic	Arsenic(T) --- 0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium TVS TVS
Temporary Modification(s):		D.O. (spawning)	---	7.0	Cadmium(T) 5.0 ---
Arsenic(chronic) = hybrid		pH	6.5 - 9.0	---	Chromium III --- TVS
Expiration Date of 12/31/2029		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T) 50 ---
*Uranium(acute) = See 33.5(3) for details.		E. Coli (per 100 mL)	---	126	Chromium VI TVS TVS
*Uranium(chronic) = See 33.5(3) for details.		Inorganic (mg/L)			Copper TVS TVS
*Temperature =			acute	chronic	Iron --- WS
DM=CS-I and MWAT=16 from 6/1-6/30		Ammonia	TVS	TVS	Iron(T) --- 1000
DM=CS-I and MWAT=CS-I from 7/1-9/30		Boron	---	0.75	Lead TVS TVS
DM=CS-I and MWAT=12 from 10/1-10/15		Chloride	---	250	Lead(T) 50 ---
DM=CS-I and MWAT=11 from 10/16-10/31		Chlorine	0.019	0.011	Manganese TVS TVS/WS
DM=CS-I and MWAT=CS-I from 11/1-5/31		Cyanide	0.005	---	Mercury(T) --- 0.01
		Nitrate	10	---	Molybdenum(T) --- 150
		Nitrite	---	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

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Eagle River Basin

9b. Mainstem of the Eagle River from a point immediately below the confluence with Squaw Creek to a point immediately below the confluence with Rube Creek.							
COUCEA09B	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		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.					Inorganic (mg/L)		
*Uranium(chronic) = See 33.5(3) for details.						acute	chronic
*Temperature =		Ammonia	TVS	TVS	Iron(T)	---	1000
DM=15 and MWAT=12 from 4/1-5/31		Boron	---	0.75	Lead	TVS	TVS
DM and MWAT=CS-II from 6/1-9/30		Chloride	---	250	Lead(T)	50	---
DM=15 and MWAT=12 from 10/1-10/15		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
DM=15 and MWAT=11 from 10/16-10/31		Cyanide	0.005	---	Mercury(T)	---	0.01
DM and MWAT=CS-II from 11/1-3/31		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	---	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

9c. Mainstem of the Eagle River from a point immediately below the confluence with Rube Creek to the confluence with the Colorado River.							
COUCEA09C	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.					Inorganic (mg/L)		
*Uranium(chronic) = See 33.5(3) for details.						acute	chronic
		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	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

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Eagle River Basin

10a. All tributaries to the Eagle River, including all wetlands, from a point immediately below the confluence with Lake Creek to the confluence with the Colorado River, except for specific listings in Segments 10b, 11 and 12, and those waters included in Segment 1.							
COUCEA10A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply		DM	MWAT		acute	chronic
Reviewable			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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.					Inorganic (mg/L)		
*Uranium(chronic) = See 33.5(3) for details.					acute	chronic	
		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	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

10b. Abrams Creek, including all tributaries and wetlands, from the source to the eastern boundary of the United States Bureau of Land Management lands.							
COUCEA10B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply		DM	MWAT		acute	chronic
OW			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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.					Inorganic (mg/L)		
*Uranium(chronic) = See 33.5(3) for details.					acute	chronic	
		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	Nickel	TVS	TVS
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Eagle River Basin

11. Mainstem of Alkali Creek (near Wolcott) from the source to the confluence with the Eagle River. Mainstem of Milk Creek from the source to the confluence with the Eagle River.							
COUCEA11	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Cold 2 Recreation P	Temperature °C	CS-I	CS-I	Arsenic	340 ---	
Qualifiers:		acute	chronic	Arsenic(T)	---	7.6	
Fish Ingestion Standards Apply		D.O. (mg/L)	---	6.0	Beryllium(T)	---	100
Other:	pH	6.5 - 9.0	---		Chromium III	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.	chlorophyll a (mg/m ²)	---	TVS		Chromium III(T)	---	100
*Uranium(chronic) = See 33.5(3) for details.	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	Manganese(T)	---	200	
	Chlorine	0.019	0.011	Mercury(T)	---	0.01	
	Cyanide	0.005	---	Molybdenum(T)	---	150	
	Nitrate	100	---	Nickel	TVS	TVS	
	Nitrite	---	0.05	Selenium	TVS	TVS	
	Phosphorus	---	TVS	Silver	TVS	TVS(tr)	
	Sulfate	---	---	Uranium	varies*	varies*	
	Sulfide	---	0.002	Zinc	TVS	TVS	
12. Mainstem of Brush Creek, from the confluence of West Brush Creek and East Brush Creek to the confluence with the Eagle River. Mainstem of East Brush Creek from 39.498914, -106.671722 to the confluence with West Brush Creek. Mainstem of West Brush Creek from the Sylvan Lake State Park boundary (39.469516, -106.729231) to the confluence with East Brush Creek.							
COUCEA12	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 ---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
Other:	pH	6.5 - 9.0	---	D.O. (mg/L)	---	6.0	
Temporary Modification(s):	D.O. (spawning)	---	7.0	Cadmium	TVS	TVS	
Arsenic(chronic) = hybrid	chlorophyll a (mg/m ²)	---	TVS	Cadmium(T)	5.0	---	
Expiration Date of 12/31/2029	E. Coli (per 100 mL)	---	126	Chromium III	---	TVS	
*Uranium(acute) = See 33.5(3) for details.	Inorganic (mg/L)			Chromium III(T)	50	---	
*Uranium(chronic) = See 33.5(3) for details.	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	Mercury(T)	---	0.01	
	Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Eagle River Basin

13. All lakes and reservoirs tributary to the Eagle River within the Gore Range - Eagles Nest and Holy Cross Wilderness Areas.							
COUCEA13	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
OW	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Arsenic	340	---
	Recreation E		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	---
Qualifiers:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Other: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (ug/L)	---	TVS	Chromium III(T)	50	---
		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	

14. All lakes and reservoirs tributary to the Eagle River except for specific listings in Segment 13.							
COUCEA14	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Arsenic	340	---
	Recreation E		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	---
Qualifiers:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Other: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (ug/L)	---	TVS	Chromium III(T)	50	---
		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	

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Roaring Fork River Basin

3a. Mainstem of the Roaring Fork River, from a point immediately below the confluence with Hunter Creek, to a point immediately below the confluence with the Frypanpan River. All tributaries to the Roaring Fork River, including wetlands, from a point immediately below the confluence with Hunter Creek to the confluence with the Colorado River, except for those tributaries included in Segment 1, 3b, 3d, 4-10b.

COUCRF03A	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).					Inorganic (mg/L)		
*Uranium(acute) = See 33.5(3) for details.					acute	chronic	
*Uranium(chronic) = See 33.5(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	---	0.05	Molybdenum(T)	---	150
		Phosphorus	---	TVS*	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

3b. Mainstem of Red Canyon, including all tributaries and wetlands, from the source to the confluence with the Roaring Fork River, except for Landis Creek from the source to the Hopkins Ditch (39.522138, -107.223479).

COUCRF03B	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 ^A
	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
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
					acute	chronic	
		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	Molybdenum(T)	---	150
		Phosphorus	---	TVS	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Roaring Fork River Basin

3c. Mainstem of the Roaring Fork River from a point immediately below the confluence with the Frypanpan River to the confluence with the Colorado River.									
COUCRF03C	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		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		
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS		
Expiration Date of 12/31/2029					Copper	TVS	TVS		
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).					Inorganic (mg/L)		Iron	---	WS
*Uranium(acute) = See 33.5(3) for details.					acute	chronic	Iron(T)	---	1000
*Uranium(chronic) = See 33.5(3) for details.		Ammonia	TVS	TVS	Lead	TVS	TVS	TVS	
*Temperature =		Boron	---	0.75	Lead(T)	50	---	---	
See 33.6(4) for temperature standards.		Chloride	---	250	Manganese	TVS	TVS/WS	TVS/WS	
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	0.01	
		Cyanide	0.005	---	Molybdenum(T)	---	150	150	
		Nitrate	10	---	Nickel	TVS	TVS	TVS	
		Nitrite	---	0.05	Nickel(T)	---	100	100	
		Phosphorus	---	TVS*	Selenium	TVS	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	TVS(tr)	
		Sulfide	---	0.002	Uranium	varies*	varies*	varies*	
					Zinc	TVS	TVS	TVS	

3d. Mainstem of Cattle Creek, including all tributaries and wetlands, from the source to the most downstream White River National Forest boundary.									
COUCRF03D	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 E		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		
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (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	TVS	
		Boron	---	0.75	Lead(T)	50	---	---	
		Chloride	---	250	Manganese	TVS	TVS/WS	TVS/WS	
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	0.01	
		Cyanide	0.005	---	Molybdenum(T)	---	150	150	
		Nitrate	10	---	Nickel	TVS	TVS	TVS	
		Nitrite	---	0.05	Nickel(T)	---	100	100	
		Phosphorus	---	TVS	Selenium	TVS	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	TVS(tr)	
		Sulfide	---	0.002	Uranium	varies*	varies*	varies*	
					Zinc	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Roaring Fork River Basin

4. Mainstem of Brush Creek from the source to the confluence with the Roaring Fork River.							
COUCRF04	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 E		acute	chronic	Arsenic(T)	---	0.02
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 ²)	---	TVS	Chromium III(T)	50	---
		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	

5. Mainstem of the Fryingpan River from the source to the confluence with the North Fork Fryingpan River, except for the portion included in Segment 1.							
COUCRF05	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 E		acute	chronic	Arsenic(T)	---	0.02
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 ²)	---	TVS	Chromium III(T)	50	---
		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)	

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Roaring Fork River Basin

6. Mainstem of the Fryingpan River from the confluence with the North Fork Fryingpan River to the confluence with the Roaring Fork River.							
COUCRF06	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	---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)

7. All tributaries to the Fryingpan River, including all wetlands, from the source to the confluence with the Roaring Fork River, except for those tributaries included in Segment 1.							
COUCRF07	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	---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029		pH	6.5 - 9.0	---	Chromium III	---	TVS
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
		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	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Roaring Fork River Basin

10a. Mainstem of Thompson Creek, including all tributaries and wetlands, from the source to the confluence with the Crystal River, except for specific listings in Segment 10b.							
COUCRF10A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable		acute	chronic				
Qualifiers:							
		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 ²)	---	TVS	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
					acute	chronic	
		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	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)
10b. Mainstem of North Thompson Creek, including all tributaries and wetlands, from the source to the White River National Forest boundary (39.316522, -107.305749). Mainstem of Middle Thompson Creek, including all tributaries and wetlands, from the source to the confluence with Thompson Creek.							
COUCRF10B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
OW		acute	chronic				
Qualifiers:							
		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 ²)	---	TVS	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
					acute	chronic	
		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	Nickel	TVS	TVS
		Phosphorus	---	TVS	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Roaring Fork River Basin

11. All lakes and reservoirs tributary to the Roaring Fork River within the Maroon Bells/Snowmass, Holy Cross, Raggeds, Collegiate Peaks and Hunter/Fryingpan Wilderness Areas.							
COUCRF11	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
OW	Aq Life Cold 1	varies*	varies*	340	---	---	
	Recreation E	acute	chronic	---	0.02		
	Water Supply	---	6.0	TVS	TVS		
Qualifiers:		---	7.0	5.0	---		
Other:		6.5 - 9.0	---	---	TVS		
*Uranium(acute) = See 33.5(3) for details.		---	TVS	50	---		
*Uranium(chronic) = See 33.5(3) for details.		---	126	TVS	TVS		
*Temperature = DM and MWAT=CL,CLL from 1/1-3/31		Inorganic (mg/L)			TVS	TVS	
Savage Lake, Ivanhoe Lake DM=CL and MWAT=16.6 from 4/1-12/31		acute	chronic	---	WS		
All others DM and MWAT=CL,CLL from 4/1-12/31		TVS	TVS	---	1000		
	Ammonia	---	0.75	TVS	TVS		
	Boron	---	250	50	---		
	Chloride	0.019	0.011	TVS	TVS/WS		
	Chlorine	0.005	---	---	0.01		
	Cyanide	10	---	TVS	TVS		
	Nitrate	---	0.05	---	100		
	Nitrite	---	TVS	TVS	TVS		
	Nitrogen	---	TVS	TVS	TVS(tr)		
	Phosphorus	---	WS	varies*	varies*		
	Sulfate	---	0.002	TVS	TVS		
	Sulfide						

12. All lakes and reservoirs tributary to the Roaring Fork River, except for the specific listings in Segment 11.							
COUCRF12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	varies*	varies* ^B	340	---	---	
	Recreation E	acute	chronic	---	0.02		
	Water Supply	---	6.0	TVS	TVS		
	DUWS*	---	7.0	5.0	---		
Qualifiers:		6.5 - 9.0	---	---	TVS		
Other:		---	DUWS	50	---		
Temporary Modification(s):		---	TVS	TVS	TVS		
Arsenic(chronic) = hybrid		---	126	TVS	TVS		
Expiration Date of 12/31/2029		Inorganic (mg/L)			TVS	TVS	
*Classification: DUWS applies to Leonard Thomas Reservoir and Wildcat Reservoir.		acute	chronic	---	WS		
*Uranium(acute) = See 33.5(3) for details.		TVS	TVS	---	1000		
*Uranium(chronic) = See 33.5(3) for details.		---	0.75	TVS	TVS		
*Temperature = DM and MWAT=CL,CLL from 1/1-3/31		---	250	50	---		
Ruedi Reservoir DM=22.4 and MWAT=20.3 from 4/1-12/31		0.019	0.011	TVS	TVS/WS		
All others DM and MWAT=CL,CLL from 4/1-12/31		0.005	---	---	0.01		
	Ammonia	10	---	TVS	TVS		
	Boron	---	0.05	---	100		
	Chloride	---	TVS	TVS	TVS		
	Chlorine	---	TVS	TVS	TVS(tr)		
	Cyanide	---	WS	varies*	varies*		
	Nitrate	---	0.002	TVS	TVS		
	Nitrite						
	Nitrogen						
	Phosphorus						
	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Platte River Basin

1. All tributaries to the North Platte and Encampment Rivers, including all wetlands, within the Mount Zirkel, Never Summer, and Platte River Wilderness Areas.									
COUCNP01	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 E		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: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	---	TVS		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
		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	---	0.05			Nickel	TVS	TVS
		Phosphorus	---	TVS			Nickel(T)	---	100
		Sulfate	---	WS			Selenium	TVS	TVS
		Sulfide	---	0.002			Silver	TVS	TVS(tr)
					Uranium	varies*	varies*		
					Zinc	TVS	TVS		

2. Mainstem of the Encampment River, including all tributaries and wetlands, from the source to the Colorado/Wyoming border, except for those tributaries included in Segment 1.									
COUCNP02	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		
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---		
Other: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	---	TVS		
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---		
		E. Coli (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	---	0.05			Nickel	TVS	TVS
		Phosphorus	---	TVS			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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Platte River Basin

3. Mainstem of the North Platte River from the confluence of Grizzly Creek and Little Grizzly Creek to the Colorado/Wyoming border.							
COUCNP03	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).					Inorganic (mg/L)		
*Uranium(acute) = See 33.5(3) for details.						acute	chronic
*Uranium(chronic) = See 33.5(3) for details.		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	Nickel	TVS	TVS
		Phosphorus	---	TVS*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

4a. All tributaries to the North Platte River, including all wetlands, from the source to the Colorado/Wyoming border, except for those tributaries included in Segments 1, 4b, 5a, 5b, 6, 7a and 7b.

COUCNP04A	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.					Inorganic (mg/L)		
*Uranium(chronic) = See 33.5(3) for details.						acute	chronic
		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	Nickel	TVS	TVS
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

North Platte River Basin

4b. Mainstem of the Illinois River, including all tributaries and wetlands, from a point immediately below the confluence with Indian Creek to the confluence with the Michigan River, except for specific listings in Segments 7a and 7b. Mainstem of the Canadian River from below 12E Road (40.720033, -106.088912) to the confluence with the North Platte River. All tributaries to the Canadian River, including wetlands, which enter the mainstem from the southwest from below 12E Road to the confluence with the North Platte River.

COUCNP04B	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Iron	---	WS
*Uranium(chronic) = See 33.5(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	---	0.05	Nickel(T)	---	100
		Phosphorus	---	TVS	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

5a. Mainstem of the Michigan River from the source to a point immediately below the confluence with the North Fork Michigan River.

COUCNP05A	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Iron	---	WS
*Uranium(chronic) = See 33.5(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	---	0.05	Nickel(T)	---	100
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Platte River Basin

5b. Mainstem of the Michigan River from a point immediately below the confluence with the North Fork Michigan River to the confluence with the North Platte River.										
COUCNP05B	Classifications	Physical and Biological			Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute chronic						
Reviewable	Aq Life Cold 1 Recreation N Water Supply	CS-II	CS-II	Temperature °C	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	---	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		6.5 - 9.0	---	pH	---	---	Chromium III	---	TVS	
		---	---	chlorophyll a (mg/m ²)	---	---	Chromium III(T)	50	---	
		---	630	E. Coli (per 100 mL)						
		Inorganic (mg/L)								
		acute	chronic		Copper	TVS	TVS	Iron	---	WS
		TVS	TVS	Ammonia	---	---	Iron(T)	---	1000	
		---	0.75	Boron	---	---	Lead	TVS	TVS	
		---	250	Chloride	---	---	Lead(T)	50	---	
		0.019	0.011	Chlorine	---	---	Manganese	TVS	TVS/WS	
		0.005	---	Cyanide	---	---	Mercury(T)	---	0.01	
		10	---	Nitrate	---	---	Molybdenum(T)	---	150	
		---	0.05	Nitrite	---	---	Nickel	TVS	TVS	
		---	TVS*	Phosphorus	---	---	Nickel(T)	---	100	
		---	WS	Sulfate	---	---	Selenium	TVS	TVS	
		---	0.002	Sulfide	---	---	Silver	TVS	TVS(tr)	
					varies*	varies*	Uranium	varies*	varies*	
					TVS	TVS	Zinc	TVS	TVS	

6. Mainstem of Pinkham Creek from the Routt National Forest boundary to the confluence with the North Platte River.										
COUCNP06	Classifications	Physical and Biological			Metals (ug/L)					
Designation	Agriculture	DM	MWAT	acute chronic						
Reviewable	Aq Life Cold 1 Recreation N Water Supply	CS-I	CS-I	Temperature °C	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	---	
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		6.5 - 9.0	---	pH	---	---	Chromium III	---	TVS	
		---	---	chlorophyll a (mg/m ²)	---	---	Chromium III(T)	50	---	
		---	630	E. Coli (per 100 mL)						
		Inorganic (mg/L)								
		acute	chronic		Copper	TVS	TVS	Iron	---	WS
		TVS	TVS	Ammonia	---	---	Iron(T)	---	1000	
		---	0.75	Boron	---	---	Lead	TVS	TVS	
		---	250	Chloride	---	---	Lead(T)	50	---	
		0.019	0.011	Chlorine	---	---	Manganese	TVS	TVS/WS	
		0.005	---	Cyanide	---	---	Mercury(T)	---	0.01	
		10	---	Nitrate	---	---	Molybdenum(T)	---	150	
		---	0.05	Nitrite	---	---	Nickel	TVS	TVS	
		---	TVS	Phosphorus	---	---	Nickel(T)	---	100	
		---	WS	Sulfate	---	---	Selenium	TVS	TVS	
		---	0.002	Sulfide	---	---	Silver	TVS	TVS(tr)	
					varies*	varies*	Uranium	varies*	varies*	
					TVS	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Platte River Basin

7a. Mainstem of Government Creek from the boundary of the Colorado State Forest to the confluence with the Canadian River. Mainstem of Spring Creek from the source to Spring Creek (Number 31) Reservoir.							
COUCNP07A	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	---
Qualifiers:			acute	chronic	Arsenic(T)	---	7.6
Fish Ingestion Standards Apply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m ²)	---	---	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)	---	630	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	Zinc	TVS	TVS
		Phosphorus	---	TVS			
		Sulfate	---	---			
		Sulfide	---	0.002			
7b. Mainstem of Spring Creek from the outlet of Spring Creek (Number 31) Reservoir to the confluence with the Illinois River.							
COUCNP07B	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)	---	7.6
Fish Ingestion Standards Apply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m ²)	---	TVS	Chromium VI	TVS	TVS
		E. Coli (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	---	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	Zinc	TVS	TVS
		Phosphorus	---	TVS			
		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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Yampa River Basin

1. All tributaries to the Yampa River, including all wetlands, which are within the Mount Zirkel, Flat Tops and Sarvis Creek Wilderness Areas. Walton Creek, including all tributaries and wetlands, from the source to below the confluence with Beaver Creek. Soda Creek, including all tributaries and wetlands, from the source to the National Forest boundary (40.541953, -106.790266). North Fork Elk River, including all tributaries and wetlands, from the Mount Zirkel Wilderness boundary to above the confluence with Lost Dog Creek. Middle Fork Elk River, including all tributaries and wetlands, from the Mount Zirkel Wilderness boundary to the confluence with the North Fork Elk River. South Fork Elk River, including all tributaries and wetlands, from the Mount Zirkel Wilderness boundary to the confluence with the Elk River.

COUCYA01	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 E		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
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (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	---	0.05	Nickel(T)	---	100
		Phosphorus	---	TVS	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)

2a. Mainstem of the Yampa River from the confluence of the Bear River and Phillips Creek to a point immediately above the confluence with Oak Creek.

COUCYA02A	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 E		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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2029					Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).		Inorganic (mg/L)			Iron	---	WS
*Uranium(acute) = See 33.5(3) for details.			acute	chronic	Iron(T)	---	1000
*Uranium(chronic) = See 33.5(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	---	0.05	Nickel(T)	---	100
		Phosphorus	---	TVS*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

4. Mainstem of Little White Snake Creek from the source to the confluence with the Yampa River.								
COUCYA04	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 N		acute	chronic	Arsenic(T)	---	0.02-10 ^A	
Qualifiers: Other: *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 ²)	---	---	---	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	630	---	Chromium VI	TVS	TVS
		Inorganic (mg/L)			---	Copper	TVS	TVS
		acute	chronic	---	---	Iron	---	WS
		Ammonia	TVS	TVS	---	Iron(T)	---	1000
		Boron	---	0.75	---	Lead	TVS	TVS
		Chloride	---	250	---	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	---	Nickel	TVS	TVS
		Phosphorus	---	TVS*	---	Nickel(T)	---	100
	Sulfate	---	WS	---	Selenium	TVS	TVS	
	Sulfide	---	0.002	---	Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	
5. Mainstem of Chimney Creek and Phillips Creek, including all tributaries and wetlands, which are not on National Forest lands, from their sources to the confluence with the Yampa River.								
COUCYA05	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	---	
	Water Supply		acute	chronic	Arsenic(T)	---	0.02	
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	Recreation P	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 ²)	---	TVS	---	Chromium III(T)	50	---
		E. Coli (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	---	0.05	---	Nickel	TVS	TVS
		Phosphorus	---	TVS	---	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

6. Mainstem of Oak Creek, including all tributaries and wetlands, from the source to a point 0.25 mile below County Road 27 (40.279241, -106.965405).							
COUCYA06	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 E		acute	chronic	Arsenic(T)	---	0.02
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 ²)	---	TVS	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
					acute	chronic	
		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	Nickel	TVS	TVS
	Phosphorus	---	TVS	Nickel(T)	---	100	
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	
7. Mainstem of Oak Creek, including all tributaries and wetlands, from a point 0.25 mile below County Road 27 (40.279241, -106.965405) to the confluence with the Yampa River.							
COUCYA07	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		acute	chronic	Arsenic(T)	---	0.02
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 Discharger Specific Variance(s): Nitrate(acute) = See Section 33.6(6) for details on the variance for the Town of Oak Creek. Expiration Date of 6/30/2026 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(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 ²)	---	TVS	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
					acute	chronic	
		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	Nickel	TVS	TVS
	Phosphorus	---	TVS*	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Yampa River Basin

8. Mainstem of the Elk River, including all tributaries and wetlands, from the source to the confluence with the Yampa River, except for those tributaries included in Segments 1 and 20a. Mainstem of the West Fork Elk River from the source to the confluence with the Yampa River.							
COUCYA08	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute chronic			
Reviewable		acute	chronic	Arsenic	340	---	
Qualifiers:	Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029 *Phosphorus(chronic) = applies only above the facilities listed at 33.5(4). *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
D.O. (spawning)		---	7.0	Cadmium	TVS	TVS	
pH		6.5 - 9.0	---	Chromium III	---	TVS	
chlorophyll a (mg/m ²)		---	TVS	Chromium III(T)	50	---	
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		---	0.05	Nickel	TVS	TVS	
Phosphorus		---	TVS*	Nickel(T)	---	100	
Sulfate		---	WS	Selenium	TVS	TVS	
Sulfide		---	0.002	Silver	TVS	TVS(tr)	
			Uranium	varies*	varies*		
			Zinc	TVS	TVS/TVS(sc)		
9. Deleted.							
COUCYA09	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

10. Deleted.						
COUCYA10	Classifications	Physical and Biological			Metals (ug/L)	
Designation		DM	MWAT		acute	chronic
Qualifiers:		acute	chronic			
Other:		Inorganic (mg/L)				
		acute	chronic			
11. Fish Creek, including all tributaries and wetlands, from the source to County Road 27 (40.355559, -107.105131), except for specific listings in Segment 20a.						
COUCYA11	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	CS-I	CS-I	Temperature °C	Arsenic	340 ---
	Water Supply	acute	chronic		Arsenic(T)	--- 0.02
	Recreation N	D.O. (mg/L)	6.0	---	Cadmium	TVS TVS
Qualifiers:		D.O. (spawning)	7.0	---	Cadmium(T)	5.0 ---
Other:		pH	9.0	6.5 -	Chromium III	--- TVS
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	50 ---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	630	---	Chromium VI	TVS TVS
Expiration Date of 12/31/2029					Copper	TVS TVS
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Iron	--- WS
*Uranium(chronic) = See 33.5(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	Manganese(T)	--- 200
		Cyanide	0.005	---	Mercury(T)	--- 0.01
		Nitrate	10	---	Molybdenum(T)	--- 150
		Nitrite	---	0.05	Nickel	TVS TVS
		Phosphorus	---	TVS	Nickel(T)	--- 100
		Sulfate	---	WS	Selenium	TVS TVS
		Sulfide	---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Yampa River Basin

12. All tributaries to the Yampa River, including all wetlands, from above the confluence with the Elk River to above the confluence with Elkhead Creek, except for specific listings in Segments 8, 11, 13a-13j and 20a.

COUCYA12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 2 Recreation N	acute	chronic				
		Temperature °C	CS-II	CS-II	Arsenic	340	---
					Arsenic(T)	---	100
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
*Uranium(acute) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III(T)	---	100
*Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	---	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)	---	630	Copper	TVS	TVS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS
					Manganese(T)	---	200
		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	Zinc	TVS	TVS
		Phosphorus	---	TVS			
		Sulfate	---	---			
		Sulfide	---	0.002			

13a. Mainstem of Trout Creek, including all tributaries and wetlands, from the source to the headgate of Spruce Hill Ditch (40.317190, -107.005110), except for specific listings in Segments 1 and 20a. Mainstem of Middle Creek, including all tributaries and wetlands, from the source to County Road 27 (40.339183, -107.025533), except for specific listings in Segment 20a.

COUCYA13A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic				
		Temperature °C	CS-I	CS-I	Arsenic	340	---
					Arsenic(T)	---	0.02
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		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 ²)	---	TVS	Chromium III(T)	50	---
Expiration Date of 12/31/2029		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
*Uranium(acute) = See 33.5(3) for details.					Lead	TVS	TVS
*Uranium(chronic) = See 33.5(3) for details.		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	Selenium	TVS	TVS
		Phosphorus	---	TVS	Silver	TVS	TVS(tr)
		Sulfate	---	WS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

13d. Mainstem of Dry Creek, including all tributaries and wetlands, from the source to above the confluence with Temple Gulch.							
COUCYA13D	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Warm 2 Recreation E	DM	MWAT		acute	chronic	
UP		Temperature °C	WS-II	WS-II	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	100	
Other:	*Iron(T)(chronic) = See section 33.6(4) for standards and assessment locations. *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	---	100
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron(T)	---	varies*	
		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	Silver	TVS	TVS
		Phosphorus	---	TVS	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
	Sulfide	---	0.002				
13e. Mainstem of Sage Creek, including all tributaries and wetlands, from the source to the confluence with the Yampa River.							
COUCYA13E	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Warm 2 Water Supply Recreation N	DM	MWAT		acute	chronic	
UP		Temperature °C	WS-II	WS-II	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02-10 ^A	
Other:	Temporary Modification(s): Selenium(chronic) = current conditions* Expiration Date of 12/31/2023 *Iron(T)(chronic) = See section 33.6(4) for standards and assessment locations for Sage Creek. *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *TempMod: Selenium = Adopted 6/9/2014	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m ²)	---	---	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	630	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	varies*
		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	Mercury(T)	---	0.01
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

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13f. Mainstem of Trout Creek, including all tributaries and wetlands, from a point immediately below the confluence with Fish Creek to the confluence with the Yampa River.						
COUCYA13F	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	varies*	varies*	Arsenic	340 --- 0.02
Qualifiers:			acute	chronic	Arsenic(T)	--- 0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2029		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *Temperature = See 33.6(4) for temperature standards.		pH	6.5 - 9.0	---	Chromium III	--- TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50 ---
		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	---	0.05	Nickel	TVS TVS
		Phosphorus	---	TVS	Nickel(T)	--- 100
		Sulfate	---	WS	Selenium	TVS TVS
		Sulfide	---	0.002	Silver	TVS TVS(tr)
					Uranium	varies* varies*
					Zinc	TVS TVS

13g. All tributaries to Fish Creek from the confluence with Cow Camp Creek (40.398773, -107.016467) to the confluence with Trout Creek.						
COUCYA13G	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
Reviewable	Aq Life Warm 1 Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340 ---
Qualifiers:			acute	chronic	Arsenic(T)	--- 7.6
Other:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
Temporary Modification(s): Selenium(chronic) = current conditions* Expiration Date of 12/31/2023		pH	6.5 - 9.0	---	Chromium III	TVS TVS
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *TempMod: Selenium = Adopted 6/9/2014		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	--- 100
		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	---	0.05	Silver	TVS TVS
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

13h. Mainstem of Dry Creek (near Hayden), including all tributaries and wetlands, from above the confluence with Temple Gulch to the confluence with the Yampa River.						
COUCYA13H	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
UP	Aq Life Warm 2 Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340
			acute	chronic	Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	---
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	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	---	0.05	Silver	TVS
		Phosphorus	---	TVS	Uranium	varies*
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		TVS
*Uranium(acute) = See 33.5(3) for details.						
*Uranium(chronic) = See 33.5(3) for details.						

13i. Mainstem of Grassy Creek, including all tributaries and wetlands, from the source to immediately above the confluence with Scotchmans Gulch.						
COUCYA13I	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
UP	Aq Life Warm 2 Recreation N	Temperature °C	WS-II	WS-II	Arsenic	340
			acute	chronic	Arsenic(T)	---
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS
		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	---
		E. Coli (per 100 mL)	---	630	Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	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	---	0.05	Silver	TVS
		Phosphorus	---	TVS	Uranium	varies*
		Sulfate	---	---	Zinc	TVS
		Sulfide	---	0.002		TVS
Temporary Modification(s): Selenium(chronic) = current conditions* Expiration Date of 12/31/2023						
*Uranium(acute) = See 33.5(3) for details.						
*Uranium(chronic) = See 33.5(3) for details.						
*TempMod: Selenium = Adopted 6/9/2014						

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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

13j. Mainstem of Grassy Creek (near Hayden), including all tributaries and wetlands, from above the confluence with Scotchmans Gulch to the confluence with the Yampa River.						
COUCYA13J	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
UP	Aq Life Warm 2 Recreation N	Temperature °C	WS-II	WS-II	Arsenic	340 ---
Qualifiers:		acute	chronic	Arsenic(T)	---	100
Other:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
Temporary Modification(s): Selenium(chronic) = current conditions* Expiration Date of 12/31/2023 *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details. *TempMod: Selenium = Adopted 12/11/2017		pH	6.5 - 9.0	---	Chromium III	TVS TVS
		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	---
		E. Coli (per 100 mL)	---	630	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)	---
		Chlorine	0.019	0.011	Molybdenum(T)	---
		Cyanide	0.005	---	Nickel	TVS TVS
		Nitrate	100	---	Selenium	TVS TVS
		Nitrite	---	0.05	Silver	TVS TVS
		Phosphorus	---	TVS	Uranium	varies* varies*
		Sulfate	---	---	Zinc	TVS TVS
		Sulfide	---	0.002		
14. Mainstem of Elkhead Creek, including all tributaries and wetlands, from the boundary of the National Forest lands, to a point immediately below the confluence with Calf Creek. Dry Fork Elkhead Creek, including all tributaries and wetlands, from the source to a point immediately below 80A Road (40.612676, -107.228533), which are not on National Forest lands.						
COUCYA14	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 ---
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
*Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---
		pH	6.5 - 9.0	---	Chromium III	---
		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50 ---
		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)	---
		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)	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS TVS
		Phosphorus	---	TVS	Nickel(T)	---
		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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

15. Mainstem of Elkhead Creek, including all tributaries and wetlands, from a point immediately below the confluence with Calf Creek to the confluence with the Yampa River. Dry Fork Elkhead Creek, including all tributaries and wetlands, from a point immediately below 80A Road (40.612676, -107.228533) to the confluence with Elkhead Creek.								
COUCYA15	Classifications	Physical and Biological			Metals (ug/L)			
Designation Reviewable	Agriculture Aq Life Warm 1 Recreation E Water Supply		DM	MWAT		acute	chronic	
		Temperature °C	WS-II	WS-II	Arsenic	340	---	
			acute	chronic	Arsenic(T)	---	0.02	
		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS	
Qualifiers:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
Other: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
			Inorganic (mg/L)		Chromium VI	TVS	TVS	
				acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Lead(T)	50	---	
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	
		Nitrate	10	---	Mercury(T)	---	0.01	
		Nitrite	---	0.05	Molybdenum(T)	---	150	
		Phosphorus	---	TVS	Nickel	TVS	TVS	
		Sulfate	---	WS	Nickel(T)	---	100	
		Sulfide	---	0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	
	16. Deleted.							
COUCYA16	Classifications	Physical and Biological			Metals (ug/L)			
Designation			DM	MWAT		acute	chronic	
			acute	chronic				
Qualifiers:								
Other:		Inorganic (mg/L)						
			acute	chronic				

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 33.6 for further details on applied standards.

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17. Deleted.							
COUCYA17	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
Qualifiers:		acute	chronic				
Other:		Inorganic (mg/L)					
		acute	chronic				
18. South Fork Little Snake River and Middle Fork Little Snake River, including all tributaries and wetlands, from their sources to the confluence with the Little Snake River, which are not on National Forest lands. North Fork Little Snake River, including all tributaries and wetlands, from the Colorado/Wyoming border to the confluence with the Little Snake River.							
COUCYA18	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:		Inorganic (mg/L)			Cadmium	TVS	TVS
		acute	chronic	Cadmium(T)	5.0	---	
Temporary Modification(s):		6.5 - 9.0	---	Chromium III	---	TVS	
Arsenic(chronic) = hybrid		---	TVS	Chromium III(T)	50	---	
Expiration Date of 12/31/2029		---	126	Chromium VI	TVS	TVS	
*Uranium(acute) = See 33.5(3) for details.		Inorganic (mg/L)			Copper	TVS	TVS
*Uranium(chronic) = See 33.5(3) for details.		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	
		---	TVS	Nickel(T)	---	100	
		---	WS	Selenium	TVS	TVS	
		---	0.002	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

20a. All tributaries to the Yampa River, including all wetlands, from above the confluence with the Elk River to below the confluence with Elkhead Creek, which are on National Forest lands, except for specific listings in Segment 20b and 20c.

COUCYA20A	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT		acute	chronic
Reviewable	Agriculture						
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Recreation E		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
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (mg/m ²)	---	TVS	Chromium III(T)	50	---
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (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	Nickel	TVS	TVS
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Yampa River Basin

21. All lakes and reservoirs tributary to the Yampa River within the Mount Zirkel, Flat Tops and Sarvis Creek Wilderness Areas, except for those lakes and reservoirs included in Lower Yampa River Segment 28.

COUCYA21	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT		acute	chronic
OW	Agriculture						
	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Arsenic	340	---
	Recreation E		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: *Uranium(acute) = See 33.5(3) for details. *Uranium(chronic) = See 33.5(3) for details.		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	TVS	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Inorganic (mg/L)		
						acute	chronic
		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	Molybdenum(T)	---	150
		Nitrogen	---	TVS	Nickel	TVS	TVS
		Phosphorus	---	TVS	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 33.6 for further details on applied standards.

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Yampa River Basin

22. All lakes and reservoirs tributary to the Yampa River from the source to the confluence with Elkhead Creek, except for those listed in Segment 21. All lakes and reservoirs tributary to Elkhead Creek from the source to the confluence with the Yampa River, except for specific listings in Segment 23. All lakes and reservoirs tributary to the Little Snake River, including those on National Forest lands.

COUCYA22	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	varies*	varies* ^B	Arsenic	340	---
	Recreation E	acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	6.0	Cadmium	TVS	TVS
	DUWS*	D.O. (spawning)	7.0	Cadmium(T)	5.0	---
Qualifiers:		pH	6.5 - 9.0	Chromium III	---	TVS
Other:		chlorophyll a (ug/L)	DUWS	Chromium III(T)	50	---
Temporary Modification(s):		chlorophyll a (ug/L)	TVS	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	126	Copper	TVS	TVS
Expiration Date of 12/31/2029		Inorganic (mg/L)		Iron	---	WS
		acute	chronic	Iron(T)	---	1000
*Classification: DUWS applies to Stagecoach Reservoir, Steamboat Lake, and Yampa River Holding Pond.		Ammonia	TVS	Lead	TVS	TVS
*Nitrogen(chronic) = applies only above the facilities listed at 33.5(4).		Boron	0.75	Lead(T)	50	---
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).		Chloride	250	Manganese	TVS	TVS/WS
*Uranium(acute) = See 33.5(3) for details.		Chlorine	0.019	Mercury(T)	---	0.01
*Uranium(chronic) = See 33.5(3) for details.		Cyanide	0.005	Molybdenum(T)	---	150
*Temperature = See 33.6(4) for temperature standards.		Nitrate	10	Nickel	TVS	TVS
		Nitrite	0.05	Nickel(T)	---	100
		Nitrogen	TVS*	Selenium	TVS	TVS
		Phosphorus	TVS*	Silver	TVS	TVS(tr)
		Sulfate	WS	Uranium	varies*	varies*
		Sulfide	0.002	Zinc	TVS	TVS

23. Elkhead Reservoir

COUCYA23	Classifications	Physical and Biological		Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Warm 1	WL	WL	Arsenic	340	---
	Recreation E	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
*Uranium(acute) = See 33.5(3) for details.		chlorophyll a (ug/L)	TVS	Chromium III(T)	50	---
*Uranium(chronic) = See 33.5(3) for details.		E. Coli (per 100 mL)	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)		Copper	TVS	TVS
		acute	chronic	Iron	---	WS
		Ammonia	TVS	Iron(T)	---	1000
		Boron	0.75	Lead	TVS	TVS
		Chloride	250	Lead(T)	50	---
		Chlorine	0.019	Manganese	TVS	TVS/WS
		Cyanide	0.005	Mercury(T)	---	0.01
		Nitrate	10	Molybdenum(T)	---	150
		Nitrite	0.05	Nickel	TVS	TVS
		Nitrogen	TVS	Nickel(T)	---	100
		Phosphorus	TVS	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 33.6 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.