

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

5 CCR 1002-36

**REGULATION NO. 36
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
RIO GRANDE BASIN**

**APPENDIX 36-1
Stream Classifications and Water Quality Standards Tables**

Effective ~~06/30/2024~~ 12/31/2021

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
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 #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

1. All tributaries to the Rio Grande, including all wetlands, within the Weminuche Wilderness Area.							
CORGRG01	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
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150*	Chromium III(T)	50	---
		E-Coli 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---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

2. Mainstem of the Rio Grande, including all tributaries and wetlands, from the source to a point immediately above the confluence with Willow Creek, excluding the listings in segments 1 and 3.							
CORGRG02	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 12/31/2024 *chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150*	Chromium III(T)	50	---
		E-Coli 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---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

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3. Mainstem of North Clear Creek from the outlet of Continental Reservoir to a point immediately above the confluence with Rito Hondo Creek.							
CORGRG03	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 2 Recreation E	CS-II	CS-II	Temperature °C	340	---	
Qualifiers:		acute	chronic				
Fish Ingestion Standards Apply				D.O. (mg/L)	---	6.0	
Other:				D.O. (spawning)	---	7.0	
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.				pH	6.5 - 9.0	---	
				chlorophyll a (mg/m ²)	---	150	
				E-Coli E. coli (per 100 mL)	---	126	
		Inorganic (mg/L)					
			acute	chronic			
		Ammonia	TVS	TVS	Arsenic	---	7.6
		Boron	---	0.75	Arsenic(T)	---	7.6
		Chloride	---	---	Cadmium	TVS	TVS
		Chlorine	0.019	0.011	Chromium III	TVS	TVS
		Cyanide	0.005	---	Chromium III(T)	---	100
		Nitrate	100	---	Chromium VI	TVS	TVS
		Nitrite	0.05---	---0.05	Copper	TVS	TVS
		Phosphorus	---	0.11	Iron(T)	---	1000
		Sulfate	---	---	Lead	TVS	TVS
		Sulfide	---	0.002	Manganese	TVS	TVS
4a. Mainstem of the Rio Grande from a point immediately above the confluence with Willow Creek to a point immediately above the confluence with the South Fork Rio Grande.							
CORGRG04A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1 Recreation E Water Supply	CS-II	CS-II	Temperature °C	340	---	
Qualifiers:		acute	chronic				
Other:				D.O. (mg/L)	---	6.0	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Cadmium(chronic) = See 36.6(4) for site-specific standards and assessment locations. *Manganese(chronic) = See 36.6(4) for site-specific standards and assessment locations. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details. *Zinc(acute) = See 36.6(4) for site-specific standards and assessment locations. *Zinc(chronic) = See 36.6(4) for site-specific standards and assessment locations.				D.O. (spawning)	---	7.0	
				pH	6.5 - 9.0	---	
				chlorophyll a (mg/m ²)	---	---	
				E-Coli E. coli (per 100 mL)	---	126	
		Inorganic (mg/L)					
			acute	chronic			
		Ammonia	TVS	TVS	Chromium III	---	TVS
		Boron	---	0.75	Chromium III(T)	50	---
		Chloride	---	250	Chromium VI	TVS	TVS
		Chlorine	0.019	0.011	Copper	TVS	TVS
		Cyanide	0.005	---	Iron	---	WS
		Nitrate	10	---	Iron(T)	---	1000
		Nitrite	0.05---	---0.05	Lead	TVS	TVS
		Phosphorus	---	---	Lead(T)	50	---
		Sulfate	---	WS	Manganese	TVS	varies*
Sulfide	---	0.002	Mercury(T)	---	0.01		
			Molybdenum(T)	---	150		
			Nickel	TVS	TVS		
			Nickel(T)	---	100		
			Selenium	TVS	TVS		
			Silver	TVS	TVS(tr)		
			Uranium	varies*	varies*		
			Zinc	varies*	varies*		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

4b. Mainstem of the Rio Grande from a point immediately above the confluence with South Fork Rio Grande to the Hwy 285 crossing.							
CORGRG04B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<u>E.-CoHE.coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			Inorganic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron	---	WS
*Uranium(acute) = See 36.5(3) for details.		Ammonia	TVS	TVS	Iron(T)	---	1000
*Uranium(chronic) = See 36.5(3) for details.		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

4c. Mainstem of the Rio Grande from the Hwy 285 crossing to the Rio Grande/Alamosa County line.							
CORGRG04C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1 Recreation E Water Supply	Temperature °C	WS-II	WS-II	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Other:		chlorophyll a (mg/m ²)	---	---	Chromium III	---	TVS
Temporary Modification(s):		<u>E.-CoHE.coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
Arsenic(chronic) = hybrid			Inorganic (mg/L)		Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	0.05---	---0.05	Molybdenum(T)	---	150
		Phosphorus	---	---	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

5a. All tributaries to the Rio Grande, including all wetlands, from immediately above the confluence with Willow Creek to the Hwy 112 bridge near Del Norte, excluding the listings in segments 5b through 10.

CORGRG05A 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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E.-Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
					Iron	---	WS
*Uranium(acute) = See 36.5(3) for details.					Iron(T)	---	1000
*Uranium(chronic) = See 36.5(3) for details.					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

5b. Mainstem of Alder Creek. Mainstem of East Alder Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande. Mainstem of Embargo Creek, including all tributaries and wetlands, from immediately above the confluence with Dyers Creek to the confluence with the Rio Grande.

CORGRG05B 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-II	CS-II	Arsenic	340
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E.-Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
					Iron	---	WS
*Uranium(acute) = See 36.5(3) for details.					Iron(T)	---	1000
*Uranium(chronic) = See 36.5(3) for details.					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

6. Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump (37.890445, -106.936868). East Willow Creek from the confluence with Whited Creek to the confluence with West Willow Creek.							
CORGRG06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Aq Life Cold 1		DM	MWAT		acute	chronic
Reviewable	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 36.5(3) for details.		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.		pH	6.5 - 9.0	---	Chromium VI	TVS	TVS
		chlorophyll a (mg/m ²)	---	150	Copper	TVS	TVS
		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Iron(T)	---	1000
		Inorganic (mg/L)			Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)	---	0.01
		Boron	---	---	Molybdenum(T)	---	---
		Chloride	---	---	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005	---	Silver	TVS	TVS(tr)
		Nitrate	---	---	Uranium	varies*	varies*
		Nitrite	0.05---	---0.05	Zinc	TVS	TVS
		Phosphorus	---	0.11			
		Sulfate	---	---			
		Sulfide	---	0.002			
7. Mainstem of West Willow Creek from the Park Regent Mine dump (37.890445, -106.936868) to the confluence with East Willow Creek. Mainstem of Willow Creek, including all tributaries, from the confluence of East and West Willow Creeks to the confluence with the Rio Grande.							
CORGRG07	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	100
Other:		D.O. (mg/L)	---	6.0	Cadmium	varies*	varies*
*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4).		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		pH	6.5 - 9.0	---	Chromium III(T)	---	100
Cadmium(acute) = See 36.6(4) for site-specific standards and assessment locations.		chlorophyll a (mg/m ²)	---	150	Chromium VI	TVS	TVS
Cadmium(chronic) = See 36.6(4) for site-specific standards and assessment locations.		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Copper	varies	varies*
*Copper(acute) = See 36.6(4) for site-specific standards and assessment locations.		Inorganic (mg/L)			Iron(T)	---	1000
Copper(chronic) = See 36.6(4) for site-specific standards and assessment locations.			acute	chronic	Lead	varies	varies*
Lead(acute) = See 36.6(4) for site-specific standards and assessment locations.		Ammonia	TVS	TVS	Manganese	varies	varies*
*Lead(chronic) = See 36.6(4) for site-specific standards and assessment locations.		Boron	---	0.75	Mercury(T)	---	0.01
*Manganese(acute) = See 36.6(4) for site-specific standards and assessment locations.		Chloride	---	---	Molybdenum(T)	---	150
*Manganese(chronic) = See 36.6(4) for site-specific standards and assessment locations.		Chlorine	0.019	0.011	Nickel	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		Cyanide	0.005	---	Selenium	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.		Nitrate	100	---	Silver	TVS	TVS
Zinc(acute) = See 36.6(4) for site-specific standards and assessment locations.		Nitrite	10	---	Uranium	varies	varies*
Zinc(chronic) = See 36.6(4) for site-specific standards and assessment locations.		Phosphorus	---	0.11	Zinc	varies*	varies*
		Sulfate	---	---			
		Sulfide	---	0.002			

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

8. Mainstem of Goose Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande, excluding the specific listings in segment 1.							
CORGRG08	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
*Uranium(acute) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 36.5(3) for details.		E-Coli <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05 ---	--- 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

9a. Mainstem of the South Fork Rio Grande, including all tributaries and wetlands, from the source to a point just below the confluence with Decker Creek, excluding the specific listings in segment 1. Mainstem of Beaver Creek, including all tributaries and wetlands, from the source to the inlet of Beaver Creek Reservoir.

CORGRG09A	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)	---	150*	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E-Coli <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024		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 ---	--- 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

9b. Mainstem of the South Fork Rio Grande, including all tributaries and wetlands, from a point just below the confluence with Decker Creek to the confluence with the Rio Grande, excluding the specific listings in segment 9a.										
CORGRG09B	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)	---	150*	Chromium III	---	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024	E-ColiE. coli (per 100 mL)	---	126	Chromium III(T)	50	---	Chromium VI	TVS	TVS	
*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	Inorganic (mg/L)			acute	chronic	Copper	TVS	TVS		
	Ammonia	TVS	TVS	Iron	---	WS	Iron(T)	---	1000	
	Boron	---	0.75	Lead	TVS	TVS	Lead(T)	50	---	
	Chloride	---	250	Manganese	TVS	TVS/WS	Mercury(T)	---	0.01	
	Chlorine	0.019	0.011	Molybdenum(T)	---	150	Nickel	TVS	TVS	
	Cyanide	0.005	---	Nickel(T)	---	100	Selenium	TVS	TVS	
	Nitrate	10	---	Silver	TVS	TVS(tr)	Uranium	varies*	varies*	
	Nitrite	0.05---	--0.05	Zinc	TVS	TVS				
	Phosphorus	---	0.11*							
	Sulfate	---	WS							
	Sulfide	---	0.002							
10. Mainstem of Pinos Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande.										
CORGRG10	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)	---	150	Chromium III	---	TVS	
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	E-ColiE. coli (per 100 mL)	---	126	Chromium III(T)	50	---	Chromium VI	TVS	TVS	
	Inorganic (mg/L)			acute	chronic	Copper	TVS	TVS		
	Ammonia	TVS	TVS	Iron	---	WS	Iron(T)	---	1000	
	Boron	---	0.75	Lead	TVS	TVS	Lead(T)	50	---	
	Chloride	---	250	Manganese	TVS	TVS/WS	Mercury(T)	---	0.01	
	Chlorine	0.019	0.011	Molybdenum(T)	---	150	Nickel	TVS	TVS	
	Cyanide	0.005	---	Nickel(T)	---	100	Selenium	TVS	TVS	
	Nitrate	10	---	Silver	TVS	TVS(tr)	Uranium	varies*	varies*	
	Nitrite	0.05---	--0.05	Zinc	TVS	TVS				
	Phosphorus	---	0.11							
	Sulfate	---	WS							
	Sulfide	---	0.002							

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

11. Mainstem of San Francisco Creek (Rio Grande County), including all tributaries and wetlands, from the source to the confluence with the Rio Grande.							
CORGRG11	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 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		6.5 - 9.0	---	pH	Chromium III	---	TVS
		---	150	chlorophyll a (mg/m ²)	Chromium III(T)	50	---
		---	126	<u>E.-Coli</u> <u>E. coli</u> (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---	--0.05	Nitrite	Nickel	TVS	TVS
		---	0.11	Phosphorus	Nickel(T)	---	100
		---	WS	Sulfate	Selenium	TVS	TVS
		---	0.002	Sulfide	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
12. Mainstem of the Rio Grande from the Rio Grande/Alamosa County line to Conejos County Road G (37.07831, -105.75665).							
CORGRG12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Warm 1 Water Supply Recreation E	WS-II	WS-II	Temperature °C	Arsenic	340	---
Qualifiers:		acute	chronic	D.O. (mg/L)	Arsenic(T)	---	0.02
Other:		---	5.0	pH	Cadmium	TVS	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		6.5 - 9.0	---	chlorophyll a (mg/m ²)	Cadmium(T)	5.0	---
		---	---	<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	Chromium III	---	TVS
		---	126		Chromium III(T)	50	---
		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
		0.5---	--0.5	Phosphorus	Molybdenum(T)	---	150
		---	---	Sulfate	Nickel	TVS	TVS
		---	WS	Sulfide	Nickel(T)	---	100
		---	0.002		Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

13. Mainstem of the Rio Grande from Conejos County Road G (37.07831, -105.75665) to the Colorado/New Mexico border.							
CORGRG13	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1 Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	7.6
Other:	*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	---	Chromium VI	TVS	TVS
		<u>E.-Coli</u> / <u>E. coli</u> (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	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS
		Nitrite	0.05---	--0.05	Uranium	varies*	varies*
		Phosphorus	---	---	Zinc	TVS	TVS
		Sulfate	---	---			
		Sulfide	---	0.002			
14. Mainstems of Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, and Dry Creek, including all tributaries and wetlands, within the boundaries of the Rio Grande National Forest.							
CORGRG14	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:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

15. All tributaries to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the listings in segments 11, 14, and 16 through 31.					
CORGRG15	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
UP	Recreation N Water Supply			Arsenic(T)	0.02-10 ^A
		acute	chronic	Beryllium(T)	4.0
Qualifiers:	D.O. (mg/L)	---	3.0	Cadmium(T)	---
Other:	pH	6.5 - 9.0	---	Chromium III(T)	---
*Uranium(acute) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	---	Chromium VI	---
*Uranium(chronic) = See 36.5(3) for details.	<u>E-Coli</u> (per 100 mL)	---	630	Chromium VI(T)	---
		Inorganic (mg/L)		Copper(T)	200
		acute	chronic	Iron	WS
	Ammonia	---	---	Lead(T)	---
	Boron	---	0.75	Manganese	WS
	Chloride	---	250	Mercury(T)	---
	Chlorine	---	---	Molybdenum(T)	150
	Cyanide	0.2	---	Nickel(T)	100
	Nitrate	10	---	Selenium(T)	20
	Nitrite	1.0	---	Silver(T)	---
	Phosphorus	---	---	Uranium	varies*
	Sulfate	---	WS	Zinc(T)	2000
	Sulfide	---	0.05		
16. All tributaries to the Rio Grande, including wetlands, within the Alamosa National Wildlife Refuge, excluding the specific listing in segment 12.					
CORGRG16	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
UP	Aq Life Warm 2 Recreation E			Arsenic	---
		Temperature °C	WS-III WS-III	Arsenic(T)	100
		acute	chronic	Cadmium	TVS
Qualifiers:	D.O. (mg/L)	---	5.0	Chromium III	TVS
Other:	pH	6.5 - 9.0	---	Chromium III(T)	100
*Uranium(acute) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	150	Chromium VI	TVS
*Uranium(chronic) = See 36.5(3) for details.	<u>E-Coli</u> (per 100 mL)	---	126	Copper	TVS
		Inorganic (mg/L)		Iron(T)	1000
		acute	chronic	Lead	TVS
	Ammonia	TVS	TVS	Manganese	TVS
	Boron	---	0.75	Mercury(T)	0.01
	Chloride	---	---	Molybdenum(T)	150
	Chlorine	0.019	0.011	Nickel	TVS
	Cyanide	0.005	---	Selenium	TVS
	Nitrate	100	---	Silver	TVS
	Nitrite	0.05---	0.05	Uranium	varies*
	Phosphorus	---	0.17	Zinc	TVS
	Sulfate	---	---		
	Sulfide	---	0.002		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

17. All tributaries to the Rio Grande, including wetlands, within the Monte Vista National Wildlife Refuge.

CORGRG17	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Warm 2 Recreation E	Temperature °C	WS-II WS-II	Arsenic	340	---	
			acute chronic	Arsenic(T)	---	100	
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	---	100
		E.-Co#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---	---0.05	Silver	TVS	TVS
		Phosphorus	---	0.17	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.

18. All wetlands tributary to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the specific listings in segments 16, 17, 19, 20a, 21a, 21b, 23a, 25, 28, 30 and 31.

CORGRG18	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Warm 2 Recreation E	Temperature °C	WS-II WS-II	Arsenic	340	---	
			acute chronic	Arsenic(T)	---	100	
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	---	100
		E.-Co#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---	---0.05	Silver	TVS	TVS
		Phosphorus	---	---	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

19. Mainstem of Rock Creek, including all tributaries and wetlands, from the source to the Monte Vista Canal (37.52773, -106.16826).							
CORGRG19	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	acute	chronic
			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):		pH	6.5 - 9.0	---	Chromium III	---	TVS
Arsenic(chronic) = hybrid		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
Expiration Date of 12/31/2024		E.-Co#E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		Inorganic (mg/L)			Copper	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.					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---	--0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
20a. Mainstem of Cat Creek, including all tributaries and wetlands, from the source to the Rio Grande National Forest boundary.							
CORGRG20A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 1	Temperature °C	varies*	varies*	Arsenic	acute	chronic
			acute	chronic	Arsenic(T)	---	0.02
Qualifiers:		D.O. (mg/L)	---	6.0	Beryllium(T)	---	100
Other:		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
*Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
*Temperature =		E.-Co#E. coli (per 100 mL)	---	126	Chromium III(T)	50	---
DM and MWAT=CS-I from 10/1-4/30		Inorganic (mg/L)			Chromium VI	TVS	TVS
DM and MWAT=CS-I from 5/1-9/30					Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

20b. Mainstem of Cat Creek from the Rio Grande National Forest boundary to the Terrace Main Canal.							
CORGRG20B	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
Other:	*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	D.O. (mg/L)	---	6.0	Beryllium(T)	---	100
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	---	100
		E-ColiE_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---	---0.05	Silver	TVS	TVS(tr)
		Phosphorus	---	0.11	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			
21a. Mainstem of Ute Creek, including all tributaries and wetlands, from the source to the crossing at 37.5000, -105.39643.							
CORGRG21A	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:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		E-ColiE_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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

21b. Mainstem of Ute Creek, including all tributaries and wetlands, from the crossing at 37.5000, -105.39643 to Hwy 160.							
CORGRG21B	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*	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 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details. *Temperature = DM=CS-I from 10/1-5/31 DM=22.3 from 6/1-9/30		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---	
		pH	6.5 - 9.0 ---		Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		E. Coli 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---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
			Uranium	varies*	varies*		
			Zinc	TVS	TVS		
22. Mainstem of Ute Creek from Hwy 160 to the confluence with Sangre de Cristo Creek.							
CORGRG22	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Cold 2 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Arsenic	340 ---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02-10 ^A	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS	
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150	Chromium III(T)	50	---
		E. Coli 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---	--0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
			Uranium	varies*	varies*		
			Zinc	TVS	TVS		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

23a. Mainstem of Sangre de Cristo Creek, including all tributaries and wetlands, from the source to Hwy 159, excluding the specific listings in segment 23b.							
CORGRG23A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E		DM	MWAT			
Reviewable		Temperature °C	CS-I	CS-I	Arsenic	acute	chronic
Qualifiers:			acute	chronic	Arsenic(T)	---	7.6
Other:	*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	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)	---	150	Chromium VI	TVS	TVS
		<u>E. Coli</u> <u>E. coli</u> (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	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS(tr)
		Nitrite	0.05---	---0.05	Uranium	varies*	varies*
		Phosphorus	---	0.11	Zinc	TVS	TVS
	Sulfate	---	---				
	Sulfide	---	0.002				
23b. Mainstem of Sangre de Cristo Creek from a point immediately below the confluence with Placer Creek to Hwy 159.							
CORGRG23B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Water Supply Recreation E		DM	MWAT			
Reviewable		Temperature °C	varies*	varies*	Arsenic	acute	chronic
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02
Other:	*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details. *Temperature = DM=14.7 and MWAT=9 from 10/1-4/30 DM=25.3 and MWAT=19 from 5/1-9/30	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)	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
	Sulfate	---	WS	Selenium	TVS	TVS	
	Sulfide	---	0.002	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

24. Mainstem of Sangre de Cristo Creek from Hwy 159 to the inlet of Smith Reservoir.								
CORGRG24	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	---	
		acute	chronic		Arsenic(T)	---	100	
Qualifiers:		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)	---	150	Chromium VI	TVS	TVS	
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Copper	TVS	TVS	
					Iron(T)	---	1000	
		Inorganic (mg/L)			Lead	TVS	TVS	
		acute	chronic		Manganese	TVS	TVS	
		Ammonia	TVS	TVS	Mercury(T)	---	0.01	
		Boron	---	0.75	Molybdenum(T)	---	150	
		Chloride	---	---	Nickel	TVS	TVS	
		Chlorine	0.019	0.011	Selenium	TVS	TVS	
		Cyanide	0.005	---	Silver	TVS	TVS(tr)	
		Nitrate	100	---	Uranium	varies*	varies*	
		Nitrite	0.05---	--0.05	Zinc	TVS	TVS	
		Phosphorus	---	0.11				
		Sulfate	---	---				
		Sulfide	---	0.002				
		*Uranium(acute) = See 36.5(3) for details.						
		*Uranium(chronic) = See 36.5(3) for details.						

25. Mainstem of Trinchera Creek, including all tributaries and wetlands, from the source to the inlet of Mountain Home Reservoir.								
CORGRG25	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	Arsenic	340	---	
		acute	chronic		Arsenic(T)	---	0.02	
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
		pH	6.5 - 9.0	---	Chromium III	---	TVS	
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---	
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
					Copper	TVS	TVS	
		Inorganic (mg/L)			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---	--0.05	Nickel(T)	---	100	
		Phosphorus	---	0.11	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	varies*	varies*	
					Zinc	TVS	TVS	
		*Uranium(acute) = See 36.5(3) for details.						
		*Uranium(chronic) = See 36.5(3) for details.						

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

26. Mainstem of Trinchera Creek from the outlet of Mountain Home Reservoir to the Rio Grande.						
CORGRG26	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute chronic		
Reviewable	Aq Life Cold 2 Water Supply Recreation E	Temperature °C	CS-II	CS-II	Arsenic	340 ---
		acute	chronic		Arsenic(T)	--- 0.02-10 ^A
		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---
Other:		pH	6.5 - 9.0	---	Chromium III	--- TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50 ---
		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
*Uranium(acute) = See 36.5(3) for details.		Inorganic (mg/L)			Copper	TVS TVS
*Uranium(chronic) = See 36.5(3) for details.		acute	chronic	Iron	--- WS	
		Ammonia	TVS	TVS	Iron(T)	--- 1000
		Boron	---	0.75	Lead	TVS TVS
		Chloride	---	250	Lead(T)	50 ---
		Chlorine	0.019	0.011	Manganese	TVS TVS/WS
		Cyanide	0.005	---	Mercury(T)	--- 0.01
		Nitrate	10	---	Molybdenum(T)	--- 150
		Nitrite	0.05 ---	--- 0.05	Nickel	TVS TVS
		Phosphorus	---	0.11	Nickel(T)	--- 100
		Sulfate	---	WS	Selenium	TVS TVS
		Sulfide	---	0.002	Silver	TVS TVS(tr)
					Uranium	varies* varies*
					Zinc	TVS TVS

27. Deleted.

27. Deleted.							
CORGRG27	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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

28. Mainstem of Rito Seco, including all tributaries and wetlands, from the source to the road crossing at 37.218809, -105.411762.							
CORGRG28	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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E.-Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		Inorganic (mg/L)			Iron	---	WS
*Uranium(chronic) = See 36.5(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---	---0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

29. Mainstem of Rito Seco from the road crossing at 37.218809, -105.411762 to the confluence with Culebra Creek.							
CORGRG29	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
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
*Uranium(acute) = See 36.5(3) for details.		E.-Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.					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---	---0.05	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

30. Mainstem of Culebra Creek, including all tributaries and wetlands, from the source to the Culebra Sanchez Canal diversion, excluding the specific listings in segment 31. East Fork and West Fork of Costilla Creek, including all tributaries and wetlands, within Colorado.							
CORGRG30	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	---
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 12/31/2024		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
*Uranium(acute) = See 36.5(3) for details.		Ammonia	TVS	TVS	Iron(T)	---	1000
*Uranium(chronic) = See 36.5(3) for details.		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS
31. Mainstem of Culebra Creek from the Sanchez Canal diversion to Hwy 159. Mainstem of Ventero Creek from the Colorado/New Mexico border to the confluence with Culebra Creek. Mainstem of Costilla Creek, including all tributaries and wetlands within Colorado, excluding the listings for the East and West Forks in segment 30.							
CORGRG31	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-II	CS-II	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 12/31/2024		chlorophyll a (mg/m ²)	---	150*	Chromium III(T)	50	---
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4).		Ammonia	TVS	TVS	Iron(T)	---	1000
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		Boron	---	0.75	Lead	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		Chloride	---	250	Lead(T)	50	---
*Uranium(chronic) = See 36.5(3) for details.		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

32. All lakes and reservoirs tributary to the Rio Grande, and within the Weminuche Wilderness Area.						
CORGRG32	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
OW	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340 ---
	Recreation E				Arsenic(T)	--- 0.02
	Water Supply		acute	chronic	D.O. (mg/L)	--- 6.0
Qualifiers:					D.O. (spawning)	--- 7.0
Other:		pH	6.5 - 9.0	---	Chromium III	--- TVS
chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8	Chromium III(T)	50 ---
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		<u>E-Coli</u> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
*Uranium(acute) = See 36.5(3) for details.					Copper	TVS TVS
*Uranium(chronic) = See 36.5(3) for details.					Iron	--- WS
					Inorganic (mg/L)	
			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---	---0.05	Nickel(T)	--- 100
		Phosphorus	---	0.025*	Selenium	TVS TVS
		Sulfate	---	WS	Silver	TVS TVS(tr)
		Sulfide	---	0.002	Uranium	varies* varies*
					Zinc	TVS TVS

33. All lakes and reservoirs tributary to the Rio Grande from the source to the Hwy 112 bridge near Del Norte, excluding the specific listings in segments 32 and 38. All lakes and reservoirs tributary to San Francisco Creek from the source to a point immediately below the confluence with Spring Branch.						
CORGRG33	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340 ---
	Recreation E				Arsenic(T)	--- 0.02
	Water Supply		acute	chronic	D.O. (mg/L)	--- 6.0
Qualifiers:					D.O. (spawning)	--- 7.0
Other:		pH	6.5 - 9.0	---	Chromium III	--- TVS
chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	8	Chromium III(T)	50 ---
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		<u>E-Coli</u> <u>E.coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
*Uranium(acute) = See 36.5(3) for details.					Copper	TVS TVS
*Uranium(chronic) = See 36.5(3) for details.					Iron	--- WS
					Inorganic (mg/L)	
			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---	---0.05	Nickel(T)	--- 100
		Phosphorus	---	0.025*	Selenium	TVS TVS
		Sulfate	---	WS	Silver	TVS TVS(tr)
		Sulfide	---	0.002	Uranium	varies* varies*
					Zinc	TVS TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande Basin

34. All lakes and reservoirs tributary to Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, or Dry Creek, and within the boundaries of the Rio Grande National Forest. All lakes and reservoirs tributary to Rock Creek from the source to the Monte Vista Canal (37.52773, -106.16826).

CORGRG34	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CL	CL	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	0.02
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		E. Coli 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
		Inorganic (mg/L)					
			acute	chronic			
		Ammonia	TVS	TVS			
		Boron	---	0.75			
		Chloride	---	250			
		Chlorine	0.019	0.011			
		Cyanide	0.005	---			
		Nitrate	10	---			
		Nitrite	0-05---	---0.05			
		Phosphorus	---	0.025*			
		Sulfate	---	WS			
		Sulfide	---	0.002			

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Uranium(acute) = See 36.5(3) for details.
 *Uranium(chronic) = See 36.5(3) for details.

35. All lakes and reservoirs tributary to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the specific listings in segments 34, 36, 37, 38 and 39.

CORGRG35	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2 Recreation E	Temperature °C	WL	WL	Arsenic	340	---
Qualifiers:			acute	chronic	Arsenic(T)	---	7.6
Fish Ingestion Standards Apply		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---	100
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
		Inorganic (mg/L)					
			acute	chronic			
		Ammonia	TVS	TVS			
		Boron	---	0.75			
		Chloride	---	---			
		Chlorine	0.019	0.011			
		Cyanide	0.005	---			
		Nitrate	100	---			
		Nitrite	0-05---	---0.05			
		Phosphorus	---	0.083*			
		Sulfate	---	---			
		Sulfide	---	0.002			

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Uranium(acute) = See 36.5(3) for details.
 *Uranium(chronic) = See 36.5(3) for details.

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

36. All lakes and reservoirs tributary to Ute Creek, from the source to Hwy 160. All lakes and reservoirs tributary to Sangre de Cristo Creek, from the source to Hwy 159. All lakes and reservoirs tributary to Trinchera Creek, from the source to the inlet of Mountain Home Reservoir. All lakes and reservoirs tributary to Rito Seco, from the source to Salzar Reservoir. All lakes and reservoirs tributary to Culebra Creek, from the source to Hwy 159, excluding the specific listing in segment 37. All lakes and reservoirs tributary to Costilla Creek, and within Colorado.

CORGRG36	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Cold 1	CL	CL	Arsenic	340	---		
	Recreation E	acute	chronic	Arsenic(T)	---	0.02		
	Water Supply			Cadmium	TVS	TVS		
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium(T)	5.0	---	
Other:		D.O. (spawning)	---	7.0	Chromium III	---	TVS	
<p>*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Uranium(acute) = See 36.5(3) for details.</p> <p>*Uranium(chronic) = See 36.5(3) for details.</p>		pH	6.5 - 9.0	---	Chromium III(T)	50	---	
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS	TVS	
		<u>E-Coli</u> E. coli (per 100 mL)	---	126	Copper	TVS	TVS	
		Inorganic (mg/L)			Iron	---	WS	
		acute	chronic	Iron(T)	---	1000		
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Lead(T)	50	---	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	
		Cyanide	0.005	---	Molybdenum(T)	---	150	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	varies*	varies*	
					Zinc	TVS	TVS	

37. Sanchez Reservoir.

CORGRG37	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			Cadmium	TVS	TVS		
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium(T)	5.0	---	
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS	
<p>*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.</p> <p>*Uranium(acute) = See 36.5(3) for details.</p> <p>*Uranium(chronic) = See 36.5(3) for details.</p>		chlorophyll a (ug/L)	---	20*	Chromium III(T)	50	---	
		<u>E-Coli</u> 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	<u>0.05</u> ---	<u>---</u> 0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.083*	Nickel(T)	---	100	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Rio Grande Basin

38. Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir, Road Canyon Reservoir, Rio Grande Reservoir, Big Meadows Reservoir, Beaver Creek Reservoir, Smith Reservoir, Mountain Home Reservoir.							
CORGRG38	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CLL	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:		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		E. Coli 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 ---	--- 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

1. All tributaries to the Alamosa River or Conejos River, including all wetlands, within the South San Juan Wilderness area.							
CORGAL01	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 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

2. Mainstem of the Alamosa River, including all tributaries and wetlands, from the source to immediately above the confluence with Alum Creek, except for specific listings in segments 1, 4a, and 4b. Tributaries to the Alamosa River from a point immediately below the confluence of Bitter Creek to the inlet of Terrace Reservoir, except for specific listings in segments 4a, 5, 6, and 7.							
CORGAL02	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
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		<u>E. Coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Lead(T)	50	---
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

3a. Mainstem of the Alamosa River from immediately above the confluence with Alum Creek to immediately above the confluence of Wightman Fork.							
CORGAL03A	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT			
UP	Agriculture		CS-I	CS-I			
	Aq Life Cold 2				acute	chronic	
	Recreation E						
Qualifiers:		D.O. (mg/L)	---	6.0	Aluminum	---	
Other:		D.O. (spawning)	---	7.0	Aluminum	varies*	
<p>*Aluminum(acute) = 280 ug/L and 3,886(T) from 5/1-6/30 5,666 ug/L and 21,036(T) from 7/1-4/30</p> <p>*Aluminum(chronic) = 95 ug/L and 1,157(T) from 5/1-6/30 4,073 ug/L and 3,026(T) from 7/1-4/30</p> <p>*Uranium(acute) = See 36.5(3) for details.</p> <p>*Uranium(chronic) = See 36.5(3) for details.</p> <p>*pH(acute) = 4.0-9.0 from 3/1-5/31 4.73-9.0 from 6/1 - 8/31 3.94-9.0 from 9/1-11/31 3.52 - 9.0 from 12/1-2/29</p>		pH	varies*	---	Arsenic	340	
		chlorophyll a (mg/m ²)	---	150	Arsenic(T)	---	100
		E.-ColiE. coli (per 100 mL)	---	126	Cadmium	TVS	TVS
		Inorganic (mg/L)				Chromium III	TVS
			acute	chronic		Chromium III(T)	---
		Ammonia	TVS	TVS		Chromium VI	TVS
		Boron	---	0.75		Copper	TVS
		Chloride	---	---		Iron(T)	---
		Chlorine	0.019	0.011		Lead	TVS
		Cyanide	0.005	---		Manganese	TVS
		Nitrate	100	---		Mercury(T)	---
		Nitrite	0.05---	--0.05		Molybdenum(T)	---
		Phosphorus	---	0.11		Nickel	TVS
		Sulfate	---	---		Selenium	TVS
		Sulfide	---	0.002		Silver	TVS
				Uranium	varies*		
				Zinc	TVS		
					TVS		

3b. Mainstem of the Alamosa River from immediately above the confluence with Wightman Fork to immediately above the confluence with Fern Creek.							
CORGAL03B	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT			
UP	Agriculture		CS-I	CS-I			
	Aq Life Cold 1				acute	chronic	
	Recreation E						
Qualifiers:		D.O. (mg/L)	---	6.0	Aluminum	---	
Other:		D.O. (spawning)	---	7.0	Aluminum	varies*	
<p>*Aluminum(acute) = 59 ug/L and 4,556(T) from 5/1-6/30 741 ug/L and TVS(T) from 7/1-4/30</p> <p>*Aluminum(chronic) = 41 ug/L and 1,246(T) from 5/1-6/30 382 ug/L and 2,661(T) from 7/1-4/30</p> <p>*Uranium(acute) = See 36.5(3) for details.</p> <p>*Uranium(chronic) = See 36.5(3) for details.</p>		pH	6.5 - 9.0	---	Arsenic	340	
		chlorophyll a (mg/m ²)	---	150	Arsenic(T)	---	7.6
		E.-ColiE. coli (per 100 mL)	---	126	Cadmium	TVS	TVS
		Inorganic (mg/L)				Chromium III	TVS
			acute	chronic		Chromium III(T)	---
		Ammonia	TVS	TVS		Chromium VI	TVS
		Boron	---	0.75		Copper	TVS
		Chloride	---	---		Iron(T)	---
		Chlorine	0.019	0.011		Lead	TVS
		Cyanide	0.005	---		Manganese	TVS
		Nitrate	100	---		Mercury(T)	---
		Nitrite	0.05---	--0.05		Molybdenum(T)	---
		Phosphorus	---	0.11		Nickel	TVS
		Sulfate	---	---		Selenium	TVS
		Sulfide	---	0.002		Silver	TVS
				Uranium	varies*		
				Zinc	TVS		
					TVS		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

3c. Mainstem of the Alamosa River from immediately above the confluence with Fern Creek to immediately below the confluence with Ranger Creek.						
CORGAL03C	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
UP	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	--- varies*
		acute	chronic	Aluminum	varies*	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic	340 ---
Other:		D.O. (spawning)	---	7.0	Arsenic(T)	--- 7.6
*Aluminum(acute) = 365 ug/L and 6,729(T) from 5/1-6/30 558 ug/L and TVS(T) from 7/1-4/30		pH	6.5 - 9.0	---	Cadmium	TVS TVS
*Aluminum(chronic) = 63 ug/L and 1,973(T) from 5/1-6/30 296 ug/L and 2,232(T) from 7/1-4/30		chlorophyll a (mg/m ²)	---	150	Chromium III	TVS TVS
*Uranium(acute) = See 36.5(3) for details.		E. ColiE. coli (per 100 mL)	---	126	Chromium III(T)	--- 100
*Uranium(chronic) = See 36.5(3) for details.		Inorganic (mg/L)			Chromium VI	TVS TVS
		acute	chronic	Copper	TVS TVS	
		Ammonia	TVS	TVS	Iron(T)	--- 12000
		Boron	---	0.75	Lead	TVS TVS
		Chloride	---	---	Manganese	TVS TVS
		Chlorine	0.019	0.011	Mercury(T)	--- 0.01
		Cyanide	0.005	---	Molybdenum(T)	--- 150
		Nitrate	100	---	Nickel	TVS TVS
		Nitrite	0.05---	---0.05	Selenium	TVS TVS
		Phosphorus	---	0.11	Silver	TVS TVS(tr)
		Sulfate	---	---	Uranium	varies* varies*
		Sulfide	---	0.002	Zinc	TVS TVS

3d. Mainstem of the Alamosa River from immediately below the confluence with Ranger Creek to the inlet of Terrace Reservoir.						
CORGAL03D	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	--- varies*
		acute	chronic	Aluminum	varies*	---
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic	340 ---
Other:		D.O. (spawning)	---	7.0	Arsenic(T)	--- 7.6
*Aluminum(acute) = 77 ug/L and 6,907(T) from 5/1-6/30 84 ug/L and TVS(T) from 7/1-4/30		pH	6.5 - 9.0	---	Cadmium	TVS TVS
*Aluminum(chronic) = 74 ug/L and 1,721(T) from 5/1-6/30 60 ug/L and 1,554(T) from 7/1-4/30		chlorophyll a (mg/m ²)	---	150	Chromium III	TVS TVS
*Uranium(acute) = See 36.5(3) for details.		E. ColiE. coli (per 100 mL)	---	126	Chromium III(T)	--- 100
*Uranium(chronic) = See 36.5(3) for details.		Inorganic (mg/L)			Chromium VI	TVS TVS
		acute	chronic	Copper	TVS TVS	
		Ammonia	TVS	TVS	Iron(T)	--- 12000
		Boron	---	0.75	Lead	TVS TVS
		Chloride	---	---	Manganese	TVS TVS
		Chlorine	0.019	0.011	Mercury(T)	--- 0.01
		Cyanide	0.005	---	Molybdenum(T)	--- 150
		Nitrate	100	---	Nickel	TVS TVS
		Nitrite	0.05---	---0.05	Selenium	TVS TVS
		Phosphorus	---	0.11	Silver	TVS TVS(tr)
		Sulfate	---	---	Uranium	varies* varies*
		Sulfide	---	0.002	Zinc	TVS TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

4a. Mainstems of Iron Creek, Alum Creek, Bitter Creek, and Burnt Creek, including all tributaries and wetlands, from their sources to their confluences with the Alamosa River, excluding the listings in segment 4b.

CORGAL04A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Recreation E	acute	chronic	Arsenic	---	---	
Qualifiers:				Cadmium	---	---	
Other:	D.O. (mg/L)	---	---	Chromium III	---	---	
	pH	2.5-9.0	---	Chromium VI	---	---	
*Uranium(acute) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	150	Copper	---	---	
*Uranium(chronic) = See 36.5(3) for details.	<u>E. Coli</u> , <u>E. coli</u> (per 100 mL)	---	126	Iron	---	---	
	Inorganic (mg/L)			Lead	---	---	
		acute	chronic	Manganese	---	---	
	Ammonia	---	---	Mercury(T)	---	---	
	Boron	---	---	Molybdenum(T)	---	---	
	Chloride	---	---	Nickel	---	---	
	Chlorine	---	---	Selenium	---	---	
	Cyanide	---	---	Silver	---	---	
	Nitrate	---	---	Uranium	varies*	varies*	
	Nitrite	---	---	Zinc	---	---	
	Phosphorus	---	---				
	Sulfate	---	---				
	Sulfide	---	---				

4b. Mainstem of Iron Creek, including all tributaries and wetlands, from the source to immediately above the confluence with South Mountain Creek.

CORGAL04B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	acute	chronic	Arsenic	340	---	
	Recreation E			Arsenic(T)	---	7.6	
Qualifiers:	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	
*Uranium(acute) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	150	Chromium VI	TVS	TVS	
*Uranium(chronic) = See 36.5(3) for details.	<u>E. Coli</u> , <u>E. coli</u> (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	---	---	Molybdenum(T)	---	150	
	Chlorine	0.019	0.011	Nickel	TVS	TVS	
	Cyanide	0.005	---	Selenium	TVS	TVS	
	Nitrate	100	---	Silver	TVS	TVS(tr)	
	Nitrite	0-05---	---0.05	Uranium	varies*	varies*	
	Phosphorus	---	0.11	Zinc	TVS	TVS	
	Sulfate	---	---				
	Sulfide	---	0.002				

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

5. Mainstem of Wightman Fork, including all tributaries and wetlands, from the source to the west line of S30, T37N, R4E (37.43127, -106.60325).							
CORGAL05	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:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		pH	6.5 - 9.0	---	Chromium III(T)	---	100
*Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium VI	TVS	TVS
		<u>E. Coli</u> (per 100 mL)	---	126	Copper	TVS	TVS
					Iron(T)	---	1000
		Inorganic (mg/L)			Lead	TVS	TVS
		acute	chronic		Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)	---	0.01
		Boron	---	0.75	Molybdenum(T)	---	150
		Chloride	---	---	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005	---	Silver	TVS	TVS(tr)
		Nitrate	100	---	Uranium	varies*	varies*
		Nitrite	0.05---	---0.05	Zinc	TVS	TVS
		Phosphorus	---	0.11			
		Sulfate	---	---			
		Sulfide	---	0.002			

6. Mainstem of Wightman Fork from the west line of S30, T37N, R4E (37.43127, -106.60325) to the confluence with the Alamosa River.							
CORGAL06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture UP Recreation E	DM	MWAT	acute	chronic		
UP		acute	chronic	arsenic	---	---	
Qualifiers:		D.O. (mg/L)	---	---	Cadmium	---	---
Other:		pH	---	---	Chromium III	---	---
*Uranium(acute) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium VI	---	---
*Uranium(chronic) = See 36.5(3) for details.		<u>E. Coli</u> (per 100 mL)	---	126	Copper	---	---
					Iron	---	---
		Inorganic (mg/L)			Lead	---	---
		acute	chronic		Manganese	---	---
		Ammonia	---	---	Mercury(T)	---	---
		Boron	---	---	Molybdenum(T)	---	---
		Chloride	---	---	Nickel	---	---
		Chlorine	---	---	Selenium	---	---
		Cyanide	---	---	Silver	---	---
		Nitrate	---	---	Uranium	varies*	varies*
		Nitrite	---	---	Zinc	---	---
		Phosphorus	---	---			
		Sulfate	---	---			
		Sulfide	---	---			

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

7. Jasper Creek, including all tributaries and wetlands, from the source to the confluence with the Alamosa River.						
CORGAL07	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Cold 2 Recreation E	DM	MWAT	acute	chronic	
UP		Temperature °C	CS-I	CS-I	Arsenic	340
		acute	chronic	Arsenic(T)	---	100
Qualifiers:	D.O. (mg/L)	---	6.0	Cadmium(T)	---	1
Other:	D.O. (spawning)	---	7.0	Chromium III(T)	---	100
*Uranium(acute) = See 36.5(3) for details.	pH	5.5-9.0	---	Chromium VI(T)	---	25
*Uranium(chronic) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	150	Copper(T)	---	90
	E. Coli/E. coli (per 100 mL)	---	126	Iron(T)	---	3400
				Lead(T)	---	4
				Manganese(T)	---	1000
		Inorganic (mg/L)		Mercury(T)	---	0.05
		acute	chronic	Molybdenum(T)	---	150
	Ammonia	TVS	TVS	Nickel(T)	---	5
	Boron	---	0.75	Selenium(T)	---	20
	Chloride	---	---	Silver(T)	---	0.1
	Chlorine	0.019	0.011	Uranium	varies*	varies*
	Cyanide	0.005	---	Zinc(T)	---	170
	Nitrate	100	---			
	Nitrite	0.05---	---0.05			
	Phosphorus	---	0.11			
	Sulfate	---	---			
	Sulfide	---	0.002			

8. Terrace Reservoir.						
CORGAL08	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture Aq Life Cold 2 Recreation E	DM	MWAT	acute	chronic	
UP		Temperature °C	CLL	CLL	Aluminum	varies*
		acute	chronic	Arsenic	340	---
Qualifiers:	D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
Fish Ingestion Standards Apply	D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
Other:	pH	6.5 - 9.0	---	Chromium III	TVS	TVS
chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	chlorophyll a (ug/L)	---	8	Chromium III(T)	---	100
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	E. Coli/E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Aluminum(acute) = See 36.6(4) for site-specific standards and assessment locations.				Copper	TVS	TVS
*Aluminum(chronic) = See 36.6(4) for site-specific standards and assessment locations.				Iron(T)	---	1000
*Uranium(acute) = See 36.5(3) for details.				Lead	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.				Manganese	TVS	TVS
		Inorganic (mg/L)		Manganese(T)	---	200
		acute	chronic	Mercury(T)	---	0.01
	Ammonia	TVS	TVS	Molybdenum(T)	---	150
	Boron	---	0.75	Nickel	TVS	TVS
	Chloride	---	---	Selenium	TVS	TVS
	Chlorine	0.019	0.011	Silver	TVS	TVS(tr)
	Cyanide	0.005	---	Uranium	varies*	varies*
	Nitrate	100	---	Zinc	TVS	TVS
	Nitrite	0.05---	---0.05			
	Phosphorus	---	0.025*			
	Sulfate	---	---			
	Sulfide	---	0.002			

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

9. Mainstem of Alamosa River from the outlet of Terrace Reservoir to Hwy 15 (Gunbarrel Road).							
CORGAL09	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Water Supply		acute	chronic	Arsenic	340	---
Qualifiers:	Recreation E	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
	*Uranium(acute) = See 36.5(3) for details.	<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
	*Uranium(chronic) = See 36.5(3) for details.				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	---	Manganese(T)	---	200
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.11	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

10. Mainstem of the Alamosa River from Hwy 15 (Gunbarrel Road) to its point of final diversion.							
CORGAL10	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Water Supply		acute	chronic	Arsenic	340	---
Qualifiers:	Recreation E	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 ^A
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
	*Uranium(acute) = See 36.5(3) for details.	<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
	*Uranium(chronic) = See 36.5(3) for details.				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	---	Manganese(T)	---	200
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.11	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

11a. All tributaries and wetlands to La Jara Reservoir. All tributaries and wetlands to La Jara Creek from the outlet of La Jara Reservoir to a point immediately below the confluence with Jarosa Creek, excluding the listings in segment 11b.

CORGAL11A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	7.6
Qualifiers:		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)	---	150	Chromium VI	TVS	TVS
		E. Coli 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	Manganese(T)	---	200
		Boron	---	0.75	Mercury(T)	---	0.01
		Chloride	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS(tr)
		Nitrite	0.05---	---0.05	Uranium	varies*	varies*
		Phosphorus	---	0.11	Zinc	TVS	TVS
		Sulfate	---	---			
		Sulfide	---	0.002			

11b. Mainstem of La Jara Creek from the outlet of La Jara Reservoir to a point immediately above the confluence with Hot Creek. All tributaries and wetlands to La Jara Creek from a point immediately below the confluence with Jarosa Creek to a point immediately above the confluence with Hot Creek.

CORGAL11B	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
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	300
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese(T)	---	200
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	150
		Nitrite	0.05---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

12. Mainstem of La Jara Creek from immediately above the confluence with Hot Creek to the confluence with the Rio Grande.							
CORGAL12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Warm 2 Water Supply Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340 ---	
		acute	chronic	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS	
Water + Fish Standards Apply		pH	6.5 - 9.0	---	Cadmium(T)	5.0 ---	
Other:	*chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	chlorophyll a (mg/m ²)	---	150*	Chromium III	---	TVS
		E.-Coli 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	---	Manganese(T)	---	200
		Nitrite	0.05---	---0.05	Mercury(T)	---	0.01
		Phosphorus	---	0.17*	Molybdenum(T)	---	150
		Sulfate	---	WS	Nickel	TVS	TVS
		Sulfide	---	0.002	Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
13. Mainstem of Hot Creek from the source to the confluence with La Jara Creek.							
CORGAL13	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	
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS	
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150*	Chromium III(T)	50	---
		E.-Coli 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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

14a. Mainstem of the Conejos River, including all tributaries and wetlands, from the source to immediately below the confluence with Elk Creek, excluding the specific listings in segment 1.

Designation	Classifications	Physical and Biological			Metals (ug/L)		
Reviewable	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
		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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 36.5(3) for details.					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

14b. Mainstem of the Conejos River, including all tributaries and wetlands, from a point immediately below the confluence with Elk Creek to a point immediately above the confluence with Fox Creek.

Designation	Classifications	Physical and Biological			Metals (ug/L)		
Reviewable	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
		Temperature °C	CS-II	CS-II	Arsenic	340	---
			acute	chronic	Arsenic(T)	---	0.02
		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
Temporary Modification(s):		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 36.5(3) for details.					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

15. Mainstem of the Conejos River from a point immediately above the confluence with Fox Creek to the confluence with the Rio San Antonio.							
CORGAL15	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
Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150*	Chromium III(T)	50	---	
	<u>E. Coli</u> + <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
	Inorganic (mg/L)			Copper	TVS	TVS	
	acute	chronic	Iron	---	WS		
	Ammonia	TVS	TVS	Iron(T)	---	1000	
	Boron	---	0.75	Lead	TVS	TVS	
	Chloride	---	250	Lead(T)	50	---	
	Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
	Cyanide	0.005	---	Mercury(T)	---	0.01	
	Nitrate	10	---	Molybdenum(T)	---	150	
	Nitrite	0.05---	---0.05	Nickel	TVS	TVS	
	Phosphorus	---	0.11*	Nickel(T)	---	100	
Sulfate	---	WS	Selenium	TVS	TVS		
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
			Uranium	varies*	varies*		
			Zinc	TVS	TVS		

16. Mainstem of the Conejos River from the confluence with the Rio San Antonio to the confluence with the Rio Grande.							
CORGAL16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	7.6
Qualifiers: Other: *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	---	Chromium III(T)	---	100	
	<u>E. Coli</u> + <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
	Inorganic (mg/L)			Copper	TVS	TVS	
	acute	chronic	Iron(T)	---	1000		
	Ammonia	TVS	TVS	Lead	TVS	TVS	
	Boron	---	0.75	Manganese	TVS	TVS	
	Chloride	---	---	Mercury(T)	---	0.01	
	Chlorine	0.019	0.011	Molybdenum(T)	---	150	
	Cyanide	0.005	---	Nickel	TVS	TVS	
	Nitrate	100	---	Selenium	TVS	TVS	
	Nitrite	0.05---	---0.05	Silver	TVS	TVS	
	Phosphorus	---	---	Uranium	varies*	varies*	
	Sulfate	---	---	Zinc	TVS	TVS	
Sulfide	---	0.002					

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

17a. Mainstem of Rio de Los Pinos, including all tributaries and wetlands within Colorado, excluding the specific listings in segment 1.							
CORGAL17A	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	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150	Chromium III(T)	50	---
		E.-ColiE. 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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	
17b. Mainstem of the Rio San Antonio from the Colorado/New Mexico border to Hwy 285.							
CORGAL17B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	CS-II	CS-II	Arsenic	340	---	
Qualifiers:		acute	chronic	Arsenic(T)	---	0.02	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150	Chromium III(T)	50	---
		E.-ColiE. 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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
Sulfide	---	0.002	Silver	TVS	TVS(tr)		
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

18. Mainstem of the Rio San Antonio from Hwy 285 to the confluence with the Conejos River.							
CORGAL18	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	---
	Water Supply		acute	chronic	Arsenic(T)	---	0.02
Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 *chlorophyll a (mg/m ²)(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4). *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	Recreation E	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
	pH	6.5 - 9.0	---	---	Cadmium(T)	5.0	---
	chlorophyll a (mg/m ²)	---	150*	---	Chromium III	---	TVS
	<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	---	Chromium III(T)	50	---
	Inorganic (mg/L)				Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	---	Iron	---	WS
	Boron	---	0.75	---	Iron(T)	---	1000
	Chloride	---	250	---	Lead	TVS	TVS
	Chlorine	0.019	0.011	---	Lead(T)	50	---
	Cyanide	0.005	---	---	Manganese	TVS	TVS/WS
	Nitrate	10	---	---	Mercury(T)	---	0.01
	Nitrite	0.05---	---	0.05	Molybdenum(T)	---	150
	Phosphorus	---	0.17*	---	Nickel	TVS	TVS
	Sulfate	---	WS	---	Nickel(T)	---	100
Sulfide	---	0.002	---	Selenium	TVS	TVS	
				Silver	TVS	TVS	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

19. Mainstem of the Rio Chama, including all tributaries and wetlands within Colorado, excluding the specific listings in segment 1.							
CORGAL19	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: *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(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)	---	150	---	Chromium III(T)	50	---
	<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	---	Chromium VI	TVS	TVS
	Inorganic (mg/L)				Copper	TVS	TVS
			acute	chronic	Iron	---	WS
	Ammonia	TVS	TVS	---	Iron(T)	---	1000
	Boron	---	0.75	---	Lead	TVS	TVS
	Chloride	---	250	---	Lead(T)	50	---
	Chlorine	0.019	0.011	---	Manganese	TVS	TVS/WS
	Cyanide	0.005	---	---	Mercury(T)	---	0.01
	Nitrate	10	---	---	Molybdenum(T)	---	150
	Nitrite	0.05---	---	0.05	Nickel	TVS	TVS
	Phosphorus	---	0.11	---	Nickel(T)	---	100
Sulfate	---	WS	---	Selenium	TVS	TVS	
Sulfide	---	0.002	---	Silver	TVS	TVS(tr)	
				Uranium	varies*	varies*	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

20. All tributaries and wetlands to the Alamosa River, La Jara Creek, or the Conejos River within the boundaries of the Rio Grande National Forest, excluding the specific listings in segments 1 through 7, 11a, 11b, 13, 14a, 14b, 17a, 17b, and 18.						
CORGAL20	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340
	Recreation E		acute	chronic	Arsenic(T)	---
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0
Other:		pH	6.5 - 9.0	---	Chromium III	---
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS
					Copper	TVS
		Inorganic (mg/L)			Iron	---
			acute	chronic	Iron(T)	---
		Ammonia	TVS	TVS	Lead	TVS
		Boron	---	0.75	Lead(T)	50
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	0.05	0.05	Nickel(T)	---
		Phosphorus	---	0.11	Selenium	TVS
		Sulfate	---	WS	Silver	TVS
		Sulfide	---	0.002	Uranium	varies*
					Zinc	TVS
						TVS

*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.

21. All tributaries to the Conejos River from a point immediately above the confluence with Fox Creek to the Rio Grande, excluding the listings in Segment 20.						
CORGAL21	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
UP	Recreation N				Arsenic(T)	---
	Water Supply		acute	chronic	Beryllium(T)	---
Qualifiers:		D.O. (mg/L)	---	3.0	Cadmium(T)	5.0
Other:		pH	6.5 - 9.0	---	Chromium III(T)	50
		chlorophyll a (mg/m ²)	---	---	Chromium VI(T)	50
		<u>E. Coli</u> / <u>E. coli</u> (per 100 mL)	---	630	Copper(T)	---
		Inorganic (mg/L)			Iron	---
			acute	chronic	Lead(T)	50
		Ammonia	---	---	Manganese	---
		Boron	---	0.75	Manganese(T)	---
		Chloride	---	250	Mercury(T)	2.0
		Chlorine	---	---	Molybdenum(T)	---
		Cyanide	0.2	---	Nickel(T)	---
		Nitrate	10	---	Selenium(T)	---
		Nitrite	1.0	---	Silver(T)	100
		Phosphorus	---	---	Uranium	varies*
		Sulfate	---	WS	Zinc(T)	---
		Sulfide	---	0.05		2000

*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Alamosa River/La Jara Creek/Conejos River Basins

22. All tributaries, including wetlands, to the Alamosa River or La Jara Creek, excluding the specific listings in segments 1 through 21.						
COGAL22	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
UP	Aq Life Warm 2 Recreation E	Temperature °C	WS-III	WS-III	Arsenic	340 ---
		acute	chronic		Arsenic(T)	--- 100
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS TVS
Other:		pH	6.5 - 9.0	---	Chromium III	TVS TVS
		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	--- 100
*Uranium(acute) = See 36.5(3) for details.		<u>E-Coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
*Uranium(chronic) = See 36.5(3) for details.		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	<u>0.05</u>	<u>0.05</u>	Silver	TVS TVS
		Phosphorus	---	0.17	Uranium	varies* varies*
		Sulfate	---	---	Zinc	TVS TVS
		Sulfide	---	0.002		

23. All lakes and reservoirs tributary to the Alamosa River or the Conejos River, and within the South San Juan Wilderness area.						
COGAL23	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
OW	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CL	CL	Arsenic	340 ---
		acute	chronic		Arsenic(T)	--- 0.02
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
Other:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---
		pH	6.5 - 9.0	---	Chromium III	--- TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50 ---
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		<u>E-Coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
*Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		Inorganic (mg/L)			Copper	TVS TVS
*Uranium(acute) = See 36.5(3) for details.		acute	chronic		Iron	--- WS
*Uranium(chronic) = See 36.5(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	<u>0.05</u>	<u>0.05</u>	Nickel	TVS TVS
		Phosphorus	---	0.025*	Nickel(T)	--- 100
		Sulfate	---	WS	Selenium	TVS TVS
		Sulfide	---	0.002	Silver	TVS TVS(tr)
					Uranium	varies* varies*
					Zinc	TVS TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

24. All lakes and reservoirs tributary to the Alamosa River from the source to a point immediately above the confluence with Alum Creek, excluding the specific listings in segment 23.						
COR GAL 24	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute chronic
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CL	CL	Arsenic	340 ---
Qualifiers:			acute	chronic	Arsenic(T)	--- 0.02
Other:	*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	D.O. (mg/L)	---	6.0	Cadmium	TVS TVS
		D.O. (spawning)	---	7.0	Cadmium(T)	5.0 ---
		pH	6.5 - 9.0	---	Chromium III	--- TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50 ---
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS TVS
					Copper	TVS TVS
					Iron	--- WS
					Iron(T)	--- 1000
			acute	chronic	Lead	TVS TVS
		Ammonia	TVS	TVS	Lead(T)	50 ---
		Boron	---	0.75	Manganese	TVS TVS/WS
		Chloride	---	250	Mercury(T)	--- 0.01
		Chlorine	0.019	0.011	Molybdenum(T)	--- 150
		Cyanide	0.005	---	Nickel	TVS TVS
		Nitrate	10	---	Nickel(T)	--- 100
		Nitrite	0.05---	---0.05	Selenium	TVS TVS
		Phosphorus	---	0.025*	Silver	TVS TVS(tr)
		Sulfate	---	WS	Uranium	varies* varies*
		Sulfide	---	0.002	Zinc	TVS TVS

25. All lakes and reservoirs tributary to La Jara Creek from the source to a point immediately above the confluence with Hot Creek.						
COR GAL 25	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CL	CL	Arsenic	340 ---
Qualifiers:			acute	chronic	Arsenic(T)	--- 7.6
Other:	*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	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 (ug/L)	---	8*	Chromium VI	TVS TVS
		<u>E. Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Copper	TVS TVS
					Iron	--- ---
					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---	---0.05	Silver	TVS TVS(tr)
		Phosphorus	---	0.025*	Uranium	varies* varies*
		Sulfate	---	---	Zinc	TVS TVS
		Sulfide	---	0.002		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Alamosa River/La Jara Creek/Conejos River Basins

28. All lakes and reservoir tributary to the Alamosa River, La Jara Creek, or Conejos River, and within the boundaries of the Rio Grande National Forest, excluding the specific listings in segments 23 through 27, and 30.						
COR GAL 28	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	CL	CL	acute	chronic	
Qualifiers:		acute	chronic			
Other:		Inorganic (mg/L)				
		Temperature °C		Arsenic	340	---
				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 (ug/L)	---	8*	Chromium III(T)	50
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Lead(T)	50
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Nickel(T)	---
					Selenium	TVS
					Silver	TVS
					Uranium	varies*
					Zinc	TVS

29. All lakes and reservoirs tributary to the Alamosa River, La Jara Creek, or Conejos River, excluding the specific listings in segments 8, 23 through 28, and 30.						
COR GAL 29	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT			
UP	Aq Life Warm 2 Recreation E	WL	WL	acute	chronic	
Qualifiers:		acute	chronic			
Other:		Inorganic (mg/L)				
		Temperature °C		Arsenic	340	---
				Arsenic(T)	---	100
		D.O. (mg/L)	---	5.0	Cadmium	TVS
		pH	6.5 - 9.0	---	Chromium III	TVS
		chlorophyll a (ug/L)	---	20*	Chromium III(T)	---
		E. Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS
					Copper	TVS
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	varies*
					Zinc	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Alamosa River/La Jara Creek/Conejos River Basins

30. Platoro Reservoir.							
CORGAL30	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	CLL	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:		pH	6.5 - 9.0	---	Chromium III	---	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		E. Coli 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 ---	--- 0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
			Zinc	TVS	TVS		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

1. All tributaries to the Closed Basin, including all wetlands, within the La Garita Wilderness Area.									
CORGCB01	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 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---		
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	TVS	
					Inorganic (mg/L)		Copper	TVS	TVS
					acute		Iron	---	WS
					chronic		Iron(T)	---	1000
		Ammonia			TVS	TVS	Lead	TVS	TVS
		Boron			---	0.75	Lead(T)	50	---
		Chloride			---	250	Manganese	TVS	TVS/WS
		Chlorine			0.019	0.011	Mercury(T)	---	0.01
		Cyanide			0.005	---	Molybdenum(T)	---	150
		Nitrate			10	---	Nickel	TVS	TVS
		Nitrite			<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus			---	0.11	Selenium	TVS	TVS
		Sulfate			---	WS	Silver	TVS	TVS(tr)
		Sulfide			---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS		
2a. Mainstem of La Garita Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Geronimo Creek. The North, Middle, and South Forks of Carnero Creek, including all tributaries and wetlands, from their sources to their confluences at the inception of the mainstem of Carnero Creek.									
CORGCB02A	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		
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---		
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	TVS	
					Inorganic (mg/L)		Copper	TVS	TVS
					acute		Iron	---	WS
					chronic		Iron(T)	---	1000
		Ammonia			TVS	TVS	Lead	TVS	TVS
		Boron			---	0.75	Lead(T)	50	---
		Chloride			---	250	Manganese	TVS	TVS/WS
		Chlorine			0.019	0.011	Mercury(T)	---	0.01
		Cyanide			0.005	---	Molybdenum(T)	---	150
		Nitrate			10	---	Nickel	TVS	TVS
		Nitrite			<u>0.05</u> ---	<u>---</u> 0.05	Nickel(T)	---	100
		Phosphorus			---	0.11	Selenium	TVS	TVS
		Sulfate			---	WS	Silver	TVS	TVS(tr)
		Sulfide			---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS		

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Closed Basin-San Luis Valley River Basin

2b. Mainstem of La Garita Creek, including all tributaries and wetlands, from a point immediately below the confluence with Geronimo Creek to 38 Road. All tributaries to the mainstem of Carnero Creek from its inception at the confluence of the North, Middle, and South Forks to 42 Road, excluding the specific listings in segment 2a.							
CORGC02B	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
*Uranium(acute) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 36.5(3) for details.		<u>E-Coli</u> <u>E_coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron	---	WS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> <u>---</u>	<u>---</u> <u>0.05</u>	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

2c. Mainstem of Carnero Creek from its inception at the confluence of the North, Middle, and South Forks to 42 Road.							
CORGC02C	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
*Uranium(acute) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	150	Chromium III(T)	50	---
*Uranium(chronic) = See 36.5(3) for details.		<u>E-Coli</u> <u>E_coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
*Temperature =					Copper	TVS	TVS
DM and MWAT=CS-II from 11/1-3/31		Inorganic (mg/L)			Iron	---	WS
DM=26.5 and MWAT=20 from 4/1-10/31			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Lead(T)	50	---
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	150
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	<u>0.05</u> <u>---</u>	<u>---</u> <u>0.05</u>	Nickel(T)	---	100
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

3. All tributaries to the Closed Basin excluding the listings in segments 1, 2a, 2b, 2c, and 4 through 13.

CORGCB03	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
Other:		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
Temporary Modification(s):		E-Coli E. coli (per 100 mL)	---	126	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			acute	chronic	Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.		Ammonia	TVS	TVS	Iron	---	WS
*Uranium(chronic) = See 36.5(3) for details.		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	---
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
		Nitrite	0.05---	---0.05	Molybdenum(T)	---	150
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Nickel(T)	---	100
		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

4. Mainstem of San Luis Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Piney Creek, excluding the specific listings in segments 8, 9a, and 9b. Garner Creek, including all tributaries and wetlands, from the Rio Grande Forest Boundary to the mouth.

CORGCB04	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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		E-Coli E. coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024		Inorganic (mg/L)			Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.			acute	chronic	Iron	---	WS
*Uranium(chronic) = See 36.5(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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

5. Mainstem of San Luis Creek from a point immediately below the confluence with Piney Creek to the inlet to San Luis Lake.							
CORGCB05	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Arsenic	340	---
Qualifiers:		acute	chronic	Arsenic(T)	---	100	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0	---	Chromium III(T)	---	100
		chlorophyll a (mg/m ²)	---	150	Chromium VI	TVS	TVS
		<u>E.-Coli</u> <u>E. coli</u> (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	---	---	Molybdenum(T)	---	150
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	100	---	Silver	TVS	TVS(tr)
		Nitrite	0.05---	--0.05	Uranium	varies*	varies*
		Phosphorus	---	0.11	Zinc	TVS	TVS
		Sulfate	---	---			
		Sulfide	---	0.002			
6. Mainstem of South Crestone Creek from a point just below the Spanish Creek Trail road crossing (37.981612, -105.713237) to its confluence with Crestone Creek. Mainstem of Crestone Creek from its source at the confluence of North Crestone Creek and South Crestone Creek to the mouth.							
CORGCB06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
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
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS
		chlorophyll a (mg/m ²)	---	150*	Chromium III(T)	---	100
		<u>E.-Coli</u> <u>E. coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	250	Mercury(T)	---	0.01
		Chlorine	0.019	0.011	Molybdenum(T)	---	150
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	0.05---	--0.05	Silver	TVS	TVS
		Phosphorus	---	0.17*	Uranium	varies*	varies*
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

7. Deleted.						
CORGCB07	Classifications	Physical and Biological			Metals (ug/L)	
Designation		DM	MWAT		acute	chronic
Qualifiers:		acute	chronic			
Other:		Inorganic (mg/L)				
		acute	chronic			
8. Mainstem of Kerber Creek, including all tributaries and wetlands, from the source to a point immediately above the Cocomongo Mill site. Mainstem of Squirrel Creek from the source to immediately above Bear Creek, Brewery Creek from the source to Kerber Creek, and Elkhorn Gulch from the source to Kerber Creek.						
CORGCB08	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	acute	chronic			
Qualifiers:						
Other:						
*Uranium(acute) = See 36.5(3) for details.						
*Uranium(chronic) = See 36.5(3) for details.						
		Inorganic (mg/L)				
		acute	chronic			
	Temperature °C	CS-I	CS-I	Arsenic	340	---
	D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
	D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
	pH	6.5 - 9.0	---	Chromium III	TVS	TVS
	chlorophyll a (mg/m ²)	---	150	Chromium III(T)	---	100
	E. Coli <u>E. coli</u> (per 100 mL)	---	126	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)	---	150
	Chloride	---	---	Nickel	TVS	TVS
	Chlorine	0.019	0.011	Selenium	TVS	TVS
	Cyanide	0.005	---	Silver	TVS	TVS(tr)
	Nitrate	100	---	Uranium	varies*	varies*
	Nitrite	0.05---	--0.05	Zinc	TVS	TVS
	Phosphorus	---	0.11			
	Sulfate	---	---			
	Sulfide	---	0.002			

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

9a. Mainstem of Kerber Creek, including all tributaries and wetlands, from a point immediately above the Cocomongo Mill site to immediately above the confluence of Brewery Creek, excluding the specific listings in segment 8.

CORGCB09A Classifications		Physical and Biological		Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Recreation E			Arsenic	340	---	
	Water Supply						
		acute	chronic	Arsenic(T)	---	0.02-10 ^A	
Qualifiers:		D.O. (mg/L)	---	3.0	Cadmium(T)	5.0	---
Goal Qualifier for Agriculture and Water Supply		pH	6.5 - 9.0	---	Chromium III(T)	50	---
Other:		chlorophyll a (mg/m ²)	---	150	Chromium VI(T)	50	---
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Copper(T)	---	1000
		Inorganic (mg/L)		Iron	---	WS	
		acute	chronic	Lead(T)	50	---	
		Ammonia	---	---	Manganese	---	WS
		Boron	---	0.75	Mercury(T)	2.0	---
		Chloride	---	250	Molybdenum(T)	---	150
		Chlorine	---	---	Nickel(T)	---	100
		Cyanide	---	---	Selenium(T)	---	20
		Nitrate	10	---	Silver(T)	---	50
		Nitrite	1.0	---	Uranium	varies*	varies*
		Phosphorus	---	---	Zinc(T)	---	5000
		Sulfate	---	WS			
		Sulfide	---	0.002			

*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.

9b. Mainstem of Kerber Creek from a point immediately above the confluence with Brewery Creek to the confluence with San Luis Creek.

CORGCB09B Classifications		Physical and Biological		Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	---
	Recreation E						
	Water Supply						
		acute	chronic	Arsenic(T)	---	0.02	
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	---	SSE*
Goal Qualifier for Agriculture and Water Supply		D.O. (spawning)	---	7.0	Cadmium	SSE*	---
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
		<u>E.-Coli</u> / <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)		Chromium VI	TVS	TVS	
		acute	chronic	Copper	---	SSE*	
		Ammonia	TVS	TVS	Copper	TVS	---
		Boron	---	0.75	Iron	---	300
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Lead(T)	50	---
		Nitrate	10	---	Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u> ---	<u>---</u> 0.05	Mercury(T)	---	0.01
		Phosphorus	---	0.11	Molybdenum(T)	---	150
		Sulfate	---	WS	Nickel	TVS	TVS
		Sulfide	---	0.002	Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	---	SSE*
					Zinc	SSE*	TVS
					Zinc	TVS	---

Temporary Modification(s):
Arsenic(chronic) = hybrid
Expiration Date of 12/31/2024

*Cadmium(acute) = $e^{(0.7852\ln[\text{hard}]-1.545)}$
*Cadmium(chronic) = $e^{(0.7852\ln[\text{hard}]-2.906)}$
*Copper(acute) = $e^{(0.8889\ln[\text{hard}]+0.53)}$
*Copper(chronic) = $e^{(0.8889\ln[\text{hard}]-1.519)}$
*Uranium(acute) = See 36.5(3) for details.
*Uranium(chronic) = See 36.5(3) for details.
*Zinc(acute) = $e^{(0.8179\ln[\text{hard}]+3.757)}$
*Zinc(chronic) = $e^{(0.8179\ln[\text{hard}]+2.907)}$

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

12a. Mainstem of Saguache Creek, including all tributaries and wetlands, from the boundary of the La Garita Wilderness Area to a point just below the confluence with Ford Creek, excluding the specific listings in segments 1 and 12b.

CORGCB12A 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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<u>E-ColiE_coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
*Uranium(acute) = See 36.5(3) for details.					Lead	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

12b. Mainstem of Saguache Creek from a point just below the confluence of Fourmile Creek to a point just below the confluence with Ford Creek.

CORGCB12B 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-II*	varies* C	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)	---	150	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		<u>E-ColiE_coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
*Uranium(acute) = See 36.5(3) for details.					Lead	TVS	TVS
*Uranium(chronic) = See 36.5(3) for details.					Lead(T)	50	---
*Temperature =					Manganese	TVS	TVS/WS
MWAT=CS-II from 11/1-3/31					Mercury(T)	---	0.01
MWAT=18.6 from 4/1-10/31					Molybdenum(T)	---	150
See temperature assessment locations at 36.6(4).					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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

12c. Mainstem of Saguache Creek, including all tributaries and wetlands, from a point just below the confluence with Ford Creek to Hwy 285.							
CORGCB12C	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic		
Reviewable			CS-II	CS-II	---	---	
		acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---
		chlorophyll a (mg/m ²)	---	150	Chromium III	---	TVS
Temporary Modification(s):		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---
Arsenic(chronic) = hybrid		Inorganic (mg/L)			Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
*Uranium(acute) = See 36.5(3) for details.					Iron	---	WS
*Uranium(chronic) = See 36.5(3) for details.					Iron(T)	---	1000
					Lead	TVS	TVS
					Lead(T)	50	---
					Manganese	TVS	TVS/WS
					Mercury(T)	---	0.01
					Molybdenum(T)	---	150
					Nickel	TVS	TVS
					Nickel(T)	---	100
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

13. Mainstem of Saguache Creek from Hwy 285 to the confluence with San Luis Creek. Mainstem of Russell Creek from its source at Russell Springs to the confluence with La Garita Creek. Mainstem of Cottonwood Creek downstream of the Rio Grande National Forest Boundary.							
CORGCB13	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture UP Aq Life Warm 2 Recreation E Water Supply	DM	MWAT	acute	chronic		
			WS-II	WS-II	---	---	
		acute	chronic	Arsenic	340	---	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02
		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m ²)	---	150	Cadmium(T)	5.0	---
		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Chromium III	---	TVS
Water + Fish Standards Apply		Inorganic (mg/L)			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
					Uranium	varies*	varies*
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

14. All wetlands tributary to the Closed Basin, excluding the specific listings in segments 1 through 13.								
CORGCB14	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	---	
	Recreation E		acute	chronic	Arsenic(T)	---	100	
Qualifiers:		D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS	
Other:		pH	6.5 - 9.0	---	Chromium III	TVS	TVS	
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (mg/m ²)	---	---	Chromium III(T)	---	100	
		<u>E.-Coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		Inorganic (mg/L)				Copper	TVS	TVS
			acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Manganese	TVS	TVS	
		Chloride	---	---	Mercury(T)	---	0.01	
		Chlorine	0.019	0.011	Molybdenum(T)	---	150	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	100	---	Selenium	TVS	TVS	
		Nitrite	<u>0.05</u>	<u>---</u>	Silver	TVS	TVS	
		Phosphorus	---	---	Uranium	varies*	varies*	
		Sulfate	---	---	Zinc	TVS	TVS	
		Sulfide	---	0.002				

15. All lakes and reservoirs tributary to the Closed Basin, and within the La Garita Wilderness Area.								
CORGCB15	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
OW	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	---	
	Recreation E		acute	chronic	Arsenic(T)	---	0.02	
Water Supply		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
	Qualifiers:	D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---	
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---	
		<u>E.-Coli</u> (per 100 mL)	---	126	Chromium VI	TVS	TVS	
		Inorganic (mg/L)				Copper	TVS	TVS
			acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Lead(T)	50	---	
		Chloride	---	250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury(T)	---	0.01	
		Cyanide	0.005	---	Molybdenum(T)	---	150	
		Nitrate	10	---	Nickel	TVS	TVS	
		Nitrite	<u>0.05</u>	<u>---</u>	Nickel(T)	---	100	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	varies*	varies*	
					Zinc	TVS	TVS	

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

16. All lakes and reservoirs tributary to La Garita Creek from the source to 38 Road. All lakes and reservoirs tributary to Carrero Creek from the source to 42 Road. All lakes and reservoirs tributary to Kerber Creek from the source to a point immediately above the Cocomongo Mill site. All lakes and reservoirs tributary to San Luis Creek, from the source to a point immediately below the confluence with Piney Creek. All lakes and reservoirs tributary to Saguache Creek from the boundary of the La Garita Wilderness Area to Hwy 285.

CORGCB16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		<u>E-Coli</u> 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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Uranium(acute) = See 36.5(3) for details.
 *Uranium(chronic) = See 36.5(3) for details.

17. All lakes and reservoirs within the Closed Basin and within the Rio Grande National Forest boundaries, excluding the specific listings in segments 15 and 16.

CORGCB17	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	---
	Recreation E		acute	chronic	Arsenic(T)	---	0.02
	Water Supply	D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)	---	7.0	Cadmium(T)	5.0	---
Other:		pH	6.5 - 9.0	---	Chromium III	---	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	50	---
		<u>E-Coli</u> 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---	---0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Nickel(T)	---	100
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.
 *Uranium(acute) = See 36.5(3) for details.
 *Uranium(chronic) = See 36.5(3) for details.

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

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18. All lakes and reservoirs within the Closed Basin, excluding the specific listings in segments 16, 17, 19 and 20.								
CORGCB18	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT		acute	chronic		
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Arsenic	340	---	
	Recreation E		acute	chronic	Arsenic(T)	---	0.02	
	Water Supply	D.O. (mg/L)	---	5.0	Cadmium	TVS	TVS	
Qualifiers:		pH	6.5 - 9.0	---	Cadmium(T)	5.0	---	
Water + Fish Standards Apply		chlorophyll a (ug/L)	---	20*	Chromium III	---	TVS	
Other:		<u>E. Coli</u> (per 100 mL)	---	126	Chromium III(T)	50	---	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.		Inorganic (mg/L)			Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Lead(T)	50	---	
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	
		Nitrate	10	---	Mercury(T)	---	0.01	
		Nitrite	0.05 ---	--- 0.05	Molybdenum(T)	---	150	
		Phosphorus	---	0.083*	Nickel	TVS	TVS	
		Sulfate	---	WS	Nickel(T)	---	100	
		Sulfide	---	0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	
		19. San Luis Lake.						
		CORGCB19	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture	DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CLL*	varies*	Arsenic	340	---	
	Recreation E		acute	chronic	Arsenic(T)	---	7.6	
Qualifiers:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
Other:		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details. *Temperature = MWAT=CLL from 1/31-3/31 MWAT=21.2 from 4/1-12/31		pH	6.5 - 9.0	---	Chromium III(T)	---	100	
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS	TVS	
		<u>E. Coli</u> (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	---	---	Molybdenum(T)	---	150	
		Chlorine	0.019	0.011	Nickel	TVS	TVS	
		Cyanide	0.005	---	Selenium	TVS	TVS	
		Nitrate	100	---	Silver	TVS	TVS	
		Nitrite	0.05 ---	--- 0.05	Uranium	varies*	varies*	
		Phosphorus	---	0.025*	Zinc	TVS	TVS	
		Sulfate	---	---				
		Sulfide	---	0.002				

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

D.O. = dissolved oxygen
 DM = daily maximum
 MWAT = maximum weekly average temperature
 See 36.6 for further details on applied standards.

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

Closed Basin-San Luis Valley River Basin

20. Head Lake.								
CORGCB20	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Cold 2 Recreation E	Temperature °C	CLL	CLL	Arsenic	340	---	
Qualifiers:			acute	chronic	Arsenic(T)	---	100	
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS	TVS	
		D.O. (spawning)	---	7.0	Chromium III	TVS	TVS	
		pH	6.5 - 9.0	---	Chromium III(T)	---	100	
		chlorophyll a (ug/L)	---	8*	Chromium VI	TVS	TVS	
		E. Coli <u>E. coli</u> (per 100 mL)	---	126	Copper	TVS	TVS	
					Iron(T)	---	1000	
					Inorganic (mg/L)	Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS	
		Ammonia	TVS	TVS	Mercury(T)	---	0.01	
		Boron	---	0.75	Molybdenum(T)	---	150	
		Chloride	---	---	Nickel	TVS	TVS	
		Chlorine	0.019	0.011	Selenium	TVS	TVS	
		Cyanide	0.005	---	Silver	TVS	TVS	
		Nitrate	100	---	Uranium	varies*	varies*	
		Nitrite	0.05 ---	--- 0.05	Zinc	TVS	TVS	
		Phosphorus	---	0.025*				
		Sulfate	---	---				
		Sulfide	---	0.002				

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

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 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) Reserved.
- (C) For certain site-specific temperature standards, the temperature excursions listed in Table I - Footnote 5(c) of 31.16 do not apply. Assessment of ambient-based temperature standards should be conducted in a way that represents similar conditions to those under which the criteria were developed (i.e., air, low flow, and warming event excursions should not apply). Similarly, where site-specific adjustments to the winter shoulder season have been adopted, the winter shoulder season excursion does not apply.