

**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 06/30/2017

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River 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	Aluminum	---      ---	
	Recreation E	<b>acute</b>	<b>chronic</b>	Arsenic	340	---	
<b>Qualifiers:</b>  <b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
	D.O. (spawning)	---	7.0	Beryllium	---	---	
	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
	chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	TVS	
	E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
	acute      chronic			Copper	TVS	TVS	
	Ammonia	TVS	TVS	Iron	---	WS	
	Boron	---	0.75	Iron(T)	---	1000	
	Chloride	---	250	Lead	TVS	TVS	
	Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
	Cyanide	0.005	---	Mercury(T)	---	0.01	
	Nitrate	10	---	Molybdenum(T)	---	160	
	Nitrite	---	0.05	Nickel	TVS	TVS	
	Phosphorus	---	0.11*	Selenium	TVS	TVS	
Sulfate	---	WS	Silver	TVS	TVS(tr)		
Sulfide	---	0.002	Uranium	---	---		
			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	Aluminum	---      ---	
	Recreation E	<b>acute</b>	<b>chronic</b>	Arsenic	340	---	
<b>Qualifiers:</b>  <b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
	D.O. (spawning)	---	7.0	Beryllium	---	---	
	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
	chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	TVS	
	E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
	Inorganic (mg/L)			Chromium VI	TVS	TVS	
	acute      chronic			Copper	TVS	TVS	
	Ammonia	TVS	TVS	Iron	---	WS	
	Boron	---	0.75	Iron(T)	---	1000	
	Chloride	---	250	Lead	TVS	TVS	
	Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
	Cyanide	0.005	---	Mercury(T)	---	0.01	
	Nitrate	10	---	Molybdenum(T)	---	160	
	Nitrite	---	0.05	Nickel	TVS	TVS	
	Phosphorus	---	0.11*	Selenium	TVS	TVS	
Sulfate	---	WS	Silver	TVS	TVS(tr)		
Sulfide	---	0.002	Uranium	---	---		
			Zinc	TVS	TVS		

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River Basin

3. Mainstem of Seepage Creek from the outlet of Santa Maria Reservoir to a point one mile below the outlet of Santa Maria Reservoir. 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		<b>DM</b>	<b>MWAT</b>		<b>acute</b>	<b>chronic</b>
Reviewable	Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Aluminum	---	---
Qualifiers:			<b>acute</b>	<b>chronic</b>	Arsenic	340	---
Fish Ingestion		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
Other:		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
			<b>Inorganic (mg/L)</b>		Chromium VI	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	---	Uranium	---	---
		Sulfide	---	0.002	Zinc	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		<b>DM</b>	<b>MWAT</b>		<b>acute</b>	<b>chronic</b>
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Aluminum	---	---
Qualifiers:			<b>acute</b>	<b>chronic</b>	Arsenic	340	---
Fish Ingestion		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Other:		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	varies*	varies*
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
			<b>Inorganic (mg/L)</b>		Chromium VI	TVS	TVS
			<b>acute</b>	<b>chronic</b>	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	varies*
		Chlorine	0.019	0.011	Manganese	TVS	varies*
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
			---	0.002	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 details on TVS, TVS(tr), WS, temperature standards.

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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				
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic	acute	chronic		
<b>Qualifiers:</b>		Temperature °C	CS-II	CS-II	Aluminum	---	---
		D.O. (mg/L)	---	6.0	Arsenic	340	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		D.O. (spawning)	---	7.0	Arsenic(T)	---	0.02
		pH	6.5 - 9.0	---	Beryllium	---	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury(T)	---	0.01
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Nitrite	---	0.05	Molybdenum(T)	---	160
		Phosphorus	---	---	Nickel	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS(tr)
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021					Uranium	---	---
					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				
Reviewable	Aq Life Warm 1 Recreation E Water Supply	acute	chronic	acute	chronic		
<b>Qualifiers:</b>		Temperature °C	WS-II	WS-II	Aluminum	---	---
		D.O. (mg/L)	---	5.0	Arsenic	340	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		pH	6.5 - 9.0	---	Arsenic(T)	---	0.02
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Beryllium	---	---
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		E. Coli (per 100 mL)	---	126	Cadmium	TVS	TVS
		Inorganic (mg/L)			Chromium III	---	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		acute	chronic	Chromium III(T)	50	---	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Boron	---	0.75	Copper	TVS	TVS
		Chloride	---	250	Iron	---	WS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Chlorine	0.019	0.011	Iron(T)	---	1000
		Cyanide	0.005	---	Lead	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Nitrate	10	---	Manganese	TVS	TVS/WS
		Nitrite	---	0.05	Mercury(T)	---	0.01
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Phosphorus	---	---	Molybdenum(T)	---	160
		Sulfate	---	WS	Nickel	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		Sulfide	---	0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
<b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021					Uranium	---	---
					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 details on TVS, TVS(tr), WS, temperature standards.



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5. All tributaries to the Rio Grande, including all wetlands, from immediately above the confluence with Willow Creek to Hwy 112 bridge near Del Norte, excluding the listings in segments 6 through 10.							
CORGRG05	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply		DM	MWAT		acute	chronic
Reviewable		acute	chronic	Aluminum	---	---	
		Temperature °C	CS-I	CS-I	Arsenic	340	---
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
			Inorganic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
	Sulfide	---	0.002	Zinc	TVS	TVS	

  

6. Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump. 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 Recreation E		DM	MWAT		acute	chronic
Reviewable		acute	chronic	Aluminum	---	---	
		Temperature °C	CS-I	CS-I	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
<b>Other:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
			Inorganic (mg/L)		Iron(T)	---	1000
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron	---	---	Mercury(T)	---	0.01
		Chloride	---	---	Molybdenum(T)	---	---
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005	---	Selenium	TVS	TVS
		Nitrate	---	---	Silver	TVS	TVS(tr)
		Nitrite	---	0.05	Uranium	---	---
		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 details on TVS, TVS(tr), WS, temperature standards.

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7. Mainstem of West Willow Creek from the Park Regent Mine dump 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			DM	MWAT	acute	chronic	
UP	Agriculture Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Aluminum	---	---
			acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---	100
<b>Other:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
Temporary Modification(s):		pH	6.5 - 9.0	---	Cadmium	varies*	varies*
Ammonia(ac/ch) = current conditions*		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	TVS	TVS
Cadmium(ac/ch) = varies*		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
Copper(ac/ch) = varies*					Chromium VI	TVS	TVS
Lead(ac/ch) = varies*					<b>Inorganic (mg/L)</b>		
Silver(acute) = varies*						acute	chronic
Zinc(ac/ch) = varies*					Ammonia	TVS	TVS
Expiration Date of 12/31/2018					Boron	---	0.75
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4).					Chloride	---	---
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).					Chlorine	---	0.011
*Cadmium(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Cyanide	0.005	---
*Cadmium(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Nitrate	100	---
*Copper(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Nitrite	---	10
*Copper(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Phosphorus	---	0.11*
*Lead(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Sulfate	---	---
*Lead(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.					Sulfide	---	0.002
*Manganese(acute) = See 36.6(4) for site-specific standards and assessment locations.							
*Manganese(chronic) = See 36.6(4) for site-specific standards and assessment locations.							
*Silver(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.							
*Zinc(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.							
*Zinc(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations.							
*TempMod: Ammonia = Willow below Creede WWTF.							
*TempMod: Cadmium = See 36.6(4) for temporary modifications and assessment locations.							
*TempMod: Copper = See 36.6(4) for temporary modifications and assessment locations.							
*TempMod: Lead = See 36.6(4) for temporary modifications and assessment locations.							
*TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations.							
*TempMod: Zinc = See 36.6(4) for temporary modifications and assessment locations.							

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 details on TVS, TVS(tr), WS, temperature standards.

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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	Aluminum	---	---
	Recreation E	acute	chronic		Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

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9. Mainstem of the South Fork Rio Grande, including all tributaries and wetlands, from the source to the confluence with the Rio Grande, excluding the specific listings in segment 1.							
CORGRG09	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute chronic			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I CS-I	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	D.O. (spawning)	---	7.0	Beryllium	---	---
pH		6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
chlorophyll a (mg/m <sup>2</sup> )		---	150*	Chromium III	---	TVS	
E. Coli (per 100 mL)		---	126	Chromium III(T)	50	---	
Inorganic (mg/L)			Chromium VI	TVS	TVS		
acute		chronic	Copper	TVS	TVS		
Ammonia		TVS	TVS	Iron	---	WS	
Boron		---	0.75	Iron(T)	---	1000	
Chloride		---	250	Lead	TVS	TVS	
Chlorine		0.019	0.011	Manganese	TVS	TVS/WS	
Cyanide		0.005	---	Mercury(T)	---	0.01	
Nitrate		10	---	Molybdenum(T)	---	160	
Nitrite		---	0.05	Nickel	TVS	TVS	
Phosphorus		---	0.11*	Selenium	TVS	TVS	
Sulfate		---	WS	Silver	TVS	TVS(tr)	
Sulfide	---	0.002	Uranium	---	---		
			Zinc	TVS	TVS		

  

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	Temperature °C	CS-I CS-I	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Other:	Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	D.O. (spawning)	---	7.0	Beryllium	---	---
pH		6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
chlorophyll a (mg/m <sup>2</sup> )		---	150	Chromium III	---	TVS	
E. Coli (per 100 mL)		---	126	Chromium III(T)	50	---	
Inorganic (mg/L)			Chromium VI	TVS	TVS		
acute		chronic	Copper	TVS	TVS		
Ammonia		TVS	TVS	Iron	---	WS	
Boron		---	0.75	Iron(T)	---	1000	
Chloride		---	250	Lead	TVS	TVS	
Chlorine		0.019	0.011	Manganese	TVS	TVS/WS	
Cyanide		0.005	---	Mercury(T)	---	0.01	
Nitrate		10	---	Molybdenum(T)	---	160	
Nitrite		---	0.05	Nickel	TVS	TVS	
Phosphorus		---	0.11	Selenium	TVS	TVS	
Sulfate		---	WS	Silver	TVS	TVS(tr)	
Sulfide	---	0.002	Uranium	---	---		
			Zinc	TVS	TVS		

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River Basin

11. Mainstem of San Francisco Creek (Rio Grande County), including all tributaries and wetlands, from the source to a point immediately below the confluence with Spring Branch.							
CORGRG11	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>  <b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
			Inorganic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
	Sulfate	---	WS	Silver	TVS	TVS(tr)	
	Sulfide	---	0.002	Uranium	---	---	
				Zinc	TVS	TVS	
12. Mainstem of the Rio Grande from the Rio Grande/Alamosa County line to the Old State Bridge east of Lobatos (Conejos County Road G).							
CORGRG12	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>  <b>Other:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
			Inorganic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)	---	0.01
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	---	0.5	Selenium	TVS	TVS
		Phosphorus	---	---	Silver	TVS	TVS
		Sulfate	---	---	Uranium	---	---
	Sulfide	---	0.002	Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

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

13. Mainstem of the Rio Grande from Old State Bridge east of Lobotos (Conejos County Road G) 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	Temperature °C	WS-II	WS-II	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---
Other:  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		pH	6.5 - 9.0	---	Beryllium	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic	Copper	TVS	
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	---	Manganese	TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	100	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	---	Silver	TVS
		Sulfate	---	---	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

  

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	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
Water Supply		D.O. (mg/L)	---	6.0	Arsenic(T)	---
		D.O. (spawning)	---	7.0	Beryllium	---
Qualifiers:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Other:  Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic	Copper	TVS	
		Ammonia	TVS	TVS	Iron	---
		Boron	---	0.75	Iron(T)	---
		Chloride	---	250	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury(T)	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.11	Selenium	TVS
		Sulfate	---	WS	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River 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	<b>acute</b>	<b>chronic</b>	Aluminum	---
<b>Qualifiers:</b>	D.O. (mg/L)	---	3.0	Arsenic(T)	---
<b>Other:</b>	pH	6.5 - 9.0	---	Beryllium(T)	---
	chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium(T)	---
	E. Coli (per 100 mL)	---	630	Chromium III(T)	50
	<b>Inorganic (mg/L)</b>			Chromium VI	---
				Chromium VI(T)	50
				<b>acute</b>	<b>chronic</b>
	Ammonia	---	---	Copper(T)	---
	Boron	---	0.75	Iron	---
	Chloride	---	250	Lead(T)	50
	Chlorine	---	---	Manganese	---
	Cyanide	0.2	---	Mercury(T)	---
	Nitrate	10	---	Molybdenum(T)	---
	Nitrite	---	1.0	Nickel(T)	---
	Phosphorus	---	---	Selenium(T)	---
	Sulfate	---	WS	Silver(T)	100
Sulfide	---	0.05	Uranium	---	
			Zinc(T)	---	
				2000	
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	WS-III	WS-III	Aluminum	---
<b>Qualifiers:</b>	D.O. (mg/L)	---	5.0	Arsenic	340
<b>Other:</b>	pH	6.5 - 9.0	---	Arsenic(T)	---
	chlorophyll a (mg/m <sup>2</sup> )	---	150	Beryllium	---
	E. Coli (per 100 mL)	---	126	Cadmium	TVS
	<b>Inorganic (mg/L)</b>			Chromium III	TVS
				Chromium III(T)	---
				<b>acute</b>	<b>chronic</b>
	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	Molybdenum(T)	---
	Phosphorus	---	0.17	Nickel	TVS
	Sulfate	---	---	Selenium	TVS
Sulfide	---	0.002	Silver	TVS	
			Uranium	---	
			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 details on TVS, TVS(tr), WS, temperature standards.

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

17. All tributaries and wetlands 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	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

  

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	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
<b>Fish Ingestion</b>		pH	6.5 - 9.0	---	Beryllium	---	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.



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

19. Mainstem of Rock Creek, including all tributaries and wetlands, from the source to the Monte Vista Canal.							
CORGRG19	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	
	Recreation E		acute	chronic	Arsenic	340	
<b>Qualifiers:</b>  <b>Other:</b> Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	
		D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	
			Inorganic (mg/L)			Chromium VI	TVS
			acute	chronic	Copper	TVS	
		Ammonia	TVS	TVS	Iron	---	
		Boron	---	0.75	Iron(T)	---	
		Chloride	---	250	Lead	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	
		Cyanide	0.005	---	Mercury(T)	---	
		Nitrate	10	---	Molybdenum(T)	---	
		Nitrite	---	0.05	Nickel	TVS	
		Phosphorus	---	0.11	Selenium	TVS	
	Sulfate	---	WS	Silver	TVS		
	Sulfide	---	0.002	Uranium	---		
				Zinc	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	acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	10/31 - 4/30	13	9	Aluminum	---
	Recreation E	Temperature °C	5/1 - 9/30	21.7	17	Arsenic	340
<b>Qualifiers:</b>  <b>Other:</b>					Beryllium	---	
			acute	chronic	Beryllium(T)	---	
		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)	
		D.O. (spawning)	---	7.0	Chromium III	TVS	
		pH	6.5 - 9.0	---	Chromium III(T)	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	
		E. Coli (per 100 mL)	---	126	Copper	TVS	
			Inorganic (mg/L)			Iron(T)	---
			acute	chronic	Lead	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	
		Boron	---	0.75	Mercury(T)	---	
		Chloride	---	---	Molybdenum(T)	---	
		Chlorine	0.019	0.011	Nickel	TVS	
		Cyanide	0.005	---	Selenium	TVS	
		Nitrate	100	---	Silver	TVS	
	Nitrite	---	0.05	Uranium	---		
	Phosphorus	---	0.11	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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River 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	Aluminum	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	
		D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Beryllium(T)	100	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)	
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	
		Boron	---	0.75	Iron(T)	---	
		Chloride	---	---	Lead	TVS	
		Chlorine	---	0.011	Manganese	---	
		Cyanide	0.005	---	Mercury(T)	---	
		Nitrate	100	---	Molybdenum(T)	---	
		Nitrite	---	0.05	Nickel	TVS	
		Phosphorus	---	0.11	Selenium	TVS	
		Sulfate	---	---	Silver	TVS	
		Sulfide	---	0.002	Uranium	---	
					Zinc	TVS	
21a. Mainstem of Ute Creek, including all tributaries and wetlands, from the source to the crossing at 37.50 oN latitude (WGS84).							
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	Aluminum	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	
		D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	TVS	
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	
		Boron	---	0.75	Iron	---	
		Chloride	---	250	Iron(T)	---	
		Chlorine	0.019	0.011	Lead	TVS	
		Cyanide	0.005	---	Manganese	TVS	
		Nitrate	10	---	Mercury(T)	---	
		Nitrite	---	0.05	Molybdenum(T)	---	
		Phosphorus	---	0.11	Nickel	TVS	
		Sulfate	---	WS	Selenium	TVS	
		Sulfide	---	0.002	Silver	TVS	
					Uranium	---	
					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 details on TVS, TVS(tr), WS, temperature standards.

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

21b. Mainstem of Ute Creek, including all tributaries and wetlands, from the crossing at 37.50 oN latitude (WGS84) 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	10/31 - 5/31	CS-I	CS-I	Aluminum	---	---
		Temperature °C	6/30 - 9/30	22.3	17	Arsenic	340	---
						Arsenic(T)	---	0.02
Qualifiers:			acute	chronic		Beryllium	---	---
Other:		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		D.O. (spawning)	---	7.0	Chromium III	---	TVS	
		pH	6.5 - 9.0	---	Chromium III(T)	50	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	TVS	
		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	Manganese	TVS	TVS/WS	
		Chloride	---	250	Mercury(T)	---	0.01	
		Chlorine	0.019	0.011	Molybdenum(T)	---	160	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	10	---	Selenium	TVS	TVS	
		Nitrite	---	0.05	Silver	TVS	TVS(tr)	
		Phosphorus	---	0.11	Uranium	---	---	
		Sulfate	---	WS	Zinc	TVS	TVS	
		Sulfide	---	0.002				
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	Aluminum	---	---	
			acute	chronic	Arsenic	340	---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	---	
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	160	
		Nitrite	---	0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.11	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	---	---	
					Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River 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	DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	---	---	
Qualifiers:			acute	chronic	Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6	
		D.O. (spawning)	---	7.0	Beryllium	---	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100	
					Chromium VI	TVS	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS	
		acute	chronic		Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron	---	0.75	Manganese	TVS	TVS	
		Chloride	---	---	Mercury(T)	---	0.01	
		Chlorine	0.019	0.011	Molybdenum(T)	---	160	
		Cyanide	0.005	---	Nickel	TVS	TVS	
		Nitrate	100	---	Selenium	TVS	TVS	
		Nitrite	---	0.05	Silver	TVS	TVS(tr)	
		Phosphorus	---	0.11	Uranium	---	---	
		Sulfate	---	---	Zinc	TVS	TVS	
		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	DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	10/31 - 4/30	14.7	9	Aluminum	---	---
Qualifiers:		Temperature °C	5/1 - 9/30	25.3	19	Arsenic	340	---
Other:			acute	chronic	Arsenic(T)	---	7.6	
		D.O. (mg/L)	---	6.0	Beryllium	---	---	
		D.O. (spawning)	---	7.0	Cadmium	TVS(tr)	TVS	
		pH	6.5 - 9.0	---	Chromium III	TVS	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III(T)	---	100	
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	TVS	
					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)	---	160	
		Chlorine	0.019	0.011	Nickel	TVS	TVS	
		Cyanide	0.005	---	Selenium	TVS	TVS	
		Nitrate	100	---	Silver	TVS	TVS(tr)	
		Nitrite	---	0.05	Uranium	---	---	
		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 details on TVS, TVS(tr), WS, temperature standards.

## REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River 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			
Reviewable	Aq Life Cold 2 Recreation E	acute	chronic	acute	chronic	
<b>Qualifiers:</b>	D.O. (mg/L)	---	6.0	Arsenic	---	---
<b>Other:</b>	D.O. (spawning)	---	7.0	Arsenic(T)	---	100
	pH	6.5 - 9.0	---	Beryllium	---	---
	chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)	TVS
	E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
				Chromium III(T)	---	100
				Chromium VI	TVS	TVS
				Inorganic (mg/L)		
		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron(T)	---	1000
	Boron	---	0.75	Lead	TVS	TVS
	Chloride	---	---	Manganese	TVS	TVS
	Chlorine	0.019	0.011	Mercury(T)	---	0.01
	Cyanide	0.005	---	Molybdenum(T)	---	160
	Nitrate	100	---	Nickel	TVS	TVS
	Nitrite	---	0.05	Selenium	TVS	TVS
	Phosphorus	---	0.11	Silver	TVS	TVS(tr)
	Sulfate	---	---	Uranium	---	---
	Sulfide	---	0.002	Zinc	TVS	TVS

  

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			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	acute	chronic	acute	chronic	
<b>Qualifiers:</b>	D.O. (mg/L)	---	6.0	Aluminum	---	---
<b>Other:</b>	D.O. (spawning)	---	7.0	Arsenic	340	---
	pH	6.5 - 9.0	---	Arsenic(T)	---	0.02
	chlorophyll a (mg/m <sup>2</sup> )	---	150	Beryllium	---	---
	E. Coli (per 100 mL)	---	126	Cadmium	TVS(tr)	TVS
				Chromium III	---	TVS
				Chromium III(T)	50	---
				Chromium VI	TVS	TVS
				Inorganic (mg/L)		
		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron	---	WS
	Boron	---	0.75	Iron(T)	---	1000
	Chloride	---	250	Lead	TVS	TVS
	Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
	Cyanide	0.005	---	Mercury(T)	---	0.01
	Nitrate	10	---	Molybdenum(T)	---	160
	Nitrite	---	0.05	Nickel	TVS	TVS
	Phosphorus	---	0.11	Selenium	TVS	TVS
	Sulfate	---	WS	Silver	TVS	TVS(tr)
	Sulfide	---	0.002	Uranium	---	---
				Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

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Rio Grande River 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 Recreation E	Temperature °C	CS-II	CS-II	Aluminum	---
Qualifiers:		acute	chronic	Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---
		D.O. (spawning)	---	7.0	Beryllium	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---
		Inorganic (mg/L)			Chromium VI	TVS
		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	---	Manganese	TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	100	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.11	Silver	TVS
		Sulfate	---	---	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

  

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 details on TVS, TVS(tr), WS, temperature standards.

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

28. Mainstem of Rito Seco, including all tributaries and wetlands, from the source to the outlet of Salzar Reservoir.							
CORGRG28	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Aluminum	acute	chronic
Qualifiers:			acute	chronic	Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

  

29. Mainstem of Rito Seco from the outlet of Salzar Reservoir to the confluence with Culebra Creek.							
CORGRG29	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 2 Recreation E Water Supply	Temperature °C	CS-II	CS-II	Aluminum	acute	chronic
Qualifiers:			acute	chronic	Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
Temporary Modification(s):		D.O. (spawning)	---	7.0	Beryllium	---	---
Expiration Date of 12/31/2021		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

**REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS  
Rio Grande River 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		DM	MWAT		
					acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	---
Expiration Date of 12/31/2021					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.11	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

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 specific listings for the East and West Forks in segment 30.

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 specific listings for the East and West Forks in segment 30.						
CORGRG31	Classifications	Physical and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		
					acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
Expiration Date of 12/31/2021					Chromium VI	TVS
		Inorganic (mg/L)			Copper	TVS
			acute	chronic	Iron	---
		Ammonia	TVS	TVS	Iron(T)	---
		Boron	---	0.75	Lead	TVS
		Chloride	---	250	Manganese	TVS
		Chlorine	0.019	0.011	Mercury(T)	---
		Cyanide	0.005	---	Molybdenum(T)	---
		Nitrate	10	---	Nickel	TVS
		Nitrite	---	0.05	Selenium	TVS
		Phosphorus	---	0.11*	Silver	TVS
		Sulfate	---	WS	Uranium	---
		Sulfide	---	0.002	Zinc	TVS

\*chlorophyll a (mg/m<sup>2</sup>)(chronic) = applies only above the facilities listed at 36.5(4).  
 \*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).

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 details on TVS, TVS(tr), WS, temperature standards.



# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River 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	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	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.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	160	
		Nitrite	---	0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	---	---	
			Zinc	TVS	TVS			

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	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	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.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	160	
		Nitrite	---	0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	---	---	
			Zinc	TVS	TVS			

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River 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.							
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	Aluminum	---	---
Qualifiers:			acute	chronic	Arsenic	340	---
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.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
D.O. (spawning)		---	7.0	Beryllium	---	---	
pH		6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
chlorophyll a (ug/L)		---	8*	Chromium III	---	TVS	
E. Coli (per 100 mL)		---	126	Chromium III(T)	50	---	
Inorganic (mg/L)			Chromium VI	TVS	TVS		
		acute	chronic	Copper	TVS	TVS	
Ammonia		TVS	TVS	Iron	---	WS	
Boron		---	0.75	Iron(T)	---	1000	
Chloride		---	250	Lead	TVS	TVS	
Chlorine		0.019	0.011	Manganese	TVS	TVS/WS	
Cyanide		0.005	---	Mercury(T)	---	0.01	
Nitrate		10	---	Molybdenum(T)	---	160	
Nitrite		---	0.05	Nickel	TVS	TVS	
Phosphorus		---	0.025*	Selenium	TVS	TVS	
Sulfate		---	WS	Silver	TVS	TVS(tr)	
Sulfide		---	0.002	Uranium	---	---	
				Zinc	TVS	TVS	
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	Aluminum	---	---
Qualifiers:			acute	chronic	Arsenic	340	---
Fish Ingestion		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
Other:	*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	pH	6.5 - 9.0	---	Beryllium	---	---
chlorophyll a (ug/L)		---	20*	Cadmium	TVS	TVS	
E. Coli (per 100 mL)		---	126	Chromium III	TVS	TVS	
Inorganic (mg/L)			Chromium III(T)	---	100		
		acute	chronic	Chromium VI	TVS	TVS	
Ammonia		TVS	TVS	Copper	TVS	TVS	
Boron		---	0.75	Iron(T)	---	1000	
Chloride		---	---	Lead	TVS	TVS	
Chlorine		0.019	0.011	Manganese	TVS	TVS	
Cyanide		0.005	---	Mercury(T)	---	0.01	
Nitrate		100	---	Molybdenum(T)	---	160	
Nitrite		---	0.05	Nickel	TVS	TVS	
Phosphorus		---	0.083*	Selenium	TVS	TVS	
Sulfate		---	---	Silver	TVS	TVS	
Sulfide		---	0.002	Uranium	---	---	
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River 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	Temperature °C	CL	CL	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	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.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury(T)	---	0.01	
		Nitrate	10	---	Molybdenum(T)	---	160	
		Nitrite	---	0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	---	---	
					Zinc	TVS	TVS	

37. Sanchez Reservoir.

CORGRG37	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture	DM	MWAT	acute	chronic			
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02	
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Beryllium	---	---	
<b>Other:</b>		chlorophyll a (ug/L)	---	20*	Cadmium	TVS	TVS	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS	
		<b>Inorganic (mg/L)</b>			Chromium III(T)	50	---	
			acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		Boron	---	0.75	Iron	---	WS	
		Chloride	---	250	Iron(T)	---	1000	
		Chlorine	0.019	0.011	Lead	TVS	TVS	
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	
		Nitrate	10	---	Mercury(T)	---	0.01	
		Nitrite	---	0.05	Molybdenum(T)	---	160	
		Phosphorus	---	0.083*	Nickel	TVS	TVS	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS	
					Uranium	---	---	
					Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Rio Grande River 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 Recreation E Water Supply	CLL	CLL	---	---	
Qualifiers:	D.O. (spawning)	acute	chronic	---	---	
Other:	pH	6.5 - 9.0	---	TVS(tr)	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.	chlorophyll a (ug/L)	---	8*	---	TVS	
	E. Coli (per 100 mL)	---	126	50	---	
	Inorganic (mg/L)			TVS	TVS	
			acute	chronic	TVS	TVS
	Ammonia	TVS	TVS	---	---	WS
	Boron	---	0.75	TVS	---	1000
	Chloride	---	250	TVS	TVS	TVS/WS
	Chlorine	0.019	0.011	---	---	0.01
	Cyanide	0.005	---	TVS	---	160
	Nitrate	10	---	TVS	TVS	TVS
	Nitrite	---	0.05	TVS	TVS	TVS
	Phosphorus	---	0.025*	TVS	TVS	TVS(tr)
	Sulfate	---	WS	---	---	---
	Sulfide	---	0.002	TVS	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 details on TVS, TVS(tr), WS, temperature 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	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	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.						
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	Aluminum	---
	Recreation E	acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature 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	Agriculture	DM	MWAT	acute      chronic				
UP	Aq Life Cold 2 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	--- varies*		
Qualifiers:		acute	chronic					
Other:								
*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 *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 *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		D.O. (mg/L)	---	6.0	Aluminum	varies*	---	
		D.O. (spawning)	---	7.0	Arsenic	340	---	
		pH	varies*	---	Arsenic(T)	---	100	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Beryllium	---	---	
		E. Coli (per 100 mL)	---	126	Cadmium	TVS(tr)	TVS	
		Inorganic (mg/L)			Chromium III	TVS	TVS	
					Chromium III(T)	---	100	
					Chromium VI	TVS	TVS	
					acute	chronic		
		Ammonia	TVS	TVS	Copper	TVS	---	
		Boron	---	0.75	Iron(T)	---	12000	
		Chloride	---	---	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS	
		Cyanide	0.005	---	Mercury	---	0.01(t)	
		Nitrate	100	---	Molybdenum(T)	---	160	
Nitrite	---	0.05	Nickel	TVS	TVS			
Phosphorus	---	0.11	Selenium	TVS	TVS			
Sulfate	---	---	Silver	TVS	TVS(tr)			
Sulfide	---	0.002	Uranium	---	---			
		---	0.002	Zinc	TVS	TVS		

  

3b. Mainstem of the Alamosa River from immediately above the confluence with the Wightman Fork to immediately above the confluence with Fern Creek.								
CORGAL03B	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*		
Qualifiers:		acute	chronic					
Other:								
*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 *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		D.O. (mg/L)	---	6.0	Aluminum	varies*	---	
		D.O. (spawning)	---	7.0	Arsenic	340	---	
		pH	6.5 - 9.0	---	Arsenic(T)	---	7.6	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Beryllium	---	---	
		E. Coli (per 100 mL)	---	126	Cadmium	TVS(tr)	TVS	
		Inorganic (mg/L)			Chromium III	TVS	TVS	
					Chromium III(T)	---	100	
					Chromium VI	TVS	TVS	
					acute	chronic		
		Ammonia	TVS	TVS	Copper	TVS	30	
		Boron	---	0.75	Iron(T)	---	12000	
		Chloride	---	---	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS	
		Cyanide	0.005	---	Mercury	---	0.01(t)	
		Nitrate	100	---	Molybdenum(T)	---	160	
Nitrite	---	0.05	Nickel	TVS	TVS			
Phosphorus	---	0.11	Selenium	TVS	TVS			
Sulfate	---	---	Silver	TVS	TVS(tr)			
Sulfide	---	0.002	Uranium	---	---			
		---	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 details on TVS, TVS(tr), WS, temperature 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			
UP	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	varies* ---	
Qualifiers:			acute	chronic	Aluminum	--- varies*	
Other:		D.O. (mg/L)	---	6.0	Arsenic	340 ---	
*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 *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		D.O. (spawning)	---	7.0	Arsenic(T)	--- 7.6	
		pH	6.5 - 9.0	---	Beryllium	--- ---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr) TVS	
		E. Coli (per 100 mL)	---	126	Chromium III	TVS TVS	
	Inorganic (mg/L)				Chromium III(T)	--- 100	
				acute	chronic	Chromium VI	TVS TVS
		Ammonia	TVS	TVS	TVS	Copper	TVS TVS
		Boron	---	0.75	---	Iron(T)	--- 12000
		Chloride	---	---	---	Lead	TVS TVS
		Chlorine	0.019	0.011	---	Manganese	TVS TVS
		Cyanide	0.005	---	---	Mercury	--- 0.01(t)
		Nitrate	100	---	---	Molybdenum(T)	--- 160
		Nitrite	---	0.05	---	Nickel	TVS TVS
		Phosphorus	---	0.11	---	Selenium	TVS TVS
		Sulfate	---	---	---	Silver	TVS TVS(tr)
	Sulfide	---	0.002	---	Uranium	--- ---	
					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			
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	varies* ---	
Qualifiers:			acute	chronic	Aluminum	--- varies*	
Other:		D.O. (mg/L)	---	6.0	Arsenic	340 ---	
*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 *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		D.O. (spawning)	---	7.0	Arsenic(T)	--- 7.6	
		pH	6.5 - 9.0	---	Beryllium	--- ---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr) TVS	
		E. Coli (per 100 mL)	---	126	Chromium III	TVS TVS	
	Inorganic (mg/L)				Chromium III(T)	--- 100	
				acute	chronic	Chromium VI	TVS TVS
		Ammonia	TVS	TVS	TVS	Copper	TVS TVS
		Boron	---	0.75	---	Iron(T)	--- 12000
		Chloride	---	---	---	Lead	TVS TVS
		Chlorine	0.019	0.011	---	Manganese	TVS TVS
		Cyanide	0.005	---	---	Mercury	--- 0.01(t)
		Nitrate	100	---	---	Molybdenum(T)	--- 160
		Nitrite	---	0.05	---	Nickel	TVS TVS
		Phosphorus	---	0.11	---	Selenium	TVS TVS
		Sulfate	---	---	---	Silver	TVS TVS(tr)
	Sulfide	---	0.002	---	Uranium	--- ---	
					Zinc	TVS TVS	

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature 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				
Qualifiers:		acute	chronic		
Other:	D.O. (mg/L)	---	---		
	pH	2.5-9.0	---		
	chlorophyll a (mg/m <sup>2</sup> )	---	150		
	E. Coli (per 100 mL)	---	126		
	Inorganic (mg/L)				
		acute	chronic		
	Ammonia	---	---		
	Boron	---	---		
	Chloride	---	---		
	Chlorine	---	---		
	Cyanide	---	---		
	Nitrate	---	---		
	Nitrite	---	---		
	Phosphorus	---	---		
	Sulfate	---	---		
	Sulfide	---	---		

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

CORGAL04B	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture	DM	MWAT	acute	chronic
Reviewable	Aq Life Cold 1				
Qualifiers:	Recreation E	acute	chronic		
Other:	Temperature °C	CS-I	CS-I		
	D.O. (mg/L)	---	6.0		
	D.O. (spawning)	---	7.0		
	pH	6.5 - 9.0	---		
	chlorophyll a (mg/m <sup>2</sup> )	---	150		
	E. Coli (per 100 mL)	---	126		
	Inorganic (mg/L)				
		acute	chronic		
	Ammonia	TVS	TVS		
	Boron	---	0.75		
	Chloride	---	---		
	Chlorine	0.019	0.011		
	Cyanide	0.005	---		
	Nitrate	100	---		
	Nitrite	---	0.05		
	Phosphorus	---	0.11		
	Sulfate	---	---		
	Sulfide	---	0.002		

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 details on TVS, TVS(tr), WS, temperature standards.



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

5. Mainstem of Wightman Fork from the source to the west line of S30, T37N, R4E, including all tributaries and wetlands.							
CORGAL05	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	---	---
Qualifiers:		acute	chronic		Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic		Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	---	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	100	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	---	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS
6. Mainstem of Wightman Fork from the west line of S30, T37N, R4E to the confluence with the Alamosa River.							
CORGAL06	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
UP	Recreation E				Aluminum	---	---
Qualifiers:		acute	chronic		Arsenic	---	---
Other:		D.O. (mg/L)	---	---	Beryllium	---	---
		pH	---	---	Cadmium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	---
		E. Coli (per 100 mL)	---	126	Chromium VI	---	---
		Inorganic (mg/L)			Copper	---	---
		acute	chronic		Iron	---	---
		Ammonia	---	---	Lead	---	---
		Boron	---	---	Manganese	---	---
		Chloride	---	---	Mercury	---	---
		Chlorine	---	---	Molybdenum(T)	---	---
		Cyanide	---	---	Nickel	---	---
		Nitrate	---	---	Selenium	---	---
		Nitrite	---	---	Silver	---	---
		Phosphorus	---	---	Uranium	---	---
		Sulfate	---	---	Zinc	---	---
		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 details on TVS, TVS(tr), WS, temperature 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	DM	MWAT		acute	chronic	
UP	Aq Life Cold 2 Recreation E	Temperature °C	CS-I	CS-I	Aluminum	---	---
			acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---	100
<b>Other:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	5.5-9.0	---	Cadmium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium(T)	---	1
		E. Coli (per 100 mL)	---	126	Chromium III	---	---
					Chromium III(T)	---	100
					Chromium VI	---	---
					Chromium VI(T)	---	25
					Copper	---	---
					Copper(T)	---	90
					Iron(T)	---	3400
					Lead	---	---
					Lead(T)	---	4
					Manganese	---	---
					Manganese(T)	---	1000
					Mercury	---	---
					Mercury(T)	---	0.05
					Molybdenum(T)	---	160
					Nickel	---	---
					Nickel(T)	---	5
					Selenium	---	---
					Selenium(T)	---	20
					Silver	---	---
					Silver(T)	---	0.1
					Uranium	---	---
					Zinc	---	---
					Zinc(T)	---	170

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 details on TVS, TVS(tr), WS, temperature 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	
UP	Aq Life Cold 1 Recreation E	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS TVS
			acute	chronic	Arsenic	340 ---
Qualifiers:	D.O. (mg/L)	---	6.0		Arsenic(T)	--- 7.6
Other:	D.O. (spawning)	---	7.0		Beryllium	--- ---
	pH	6.5 - 9.0	---		Cadmium	TVS(tr) TVS
	chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III	TVS TVS
	E. Coli (per 100 mL)	---	126		Chromium III(T)	--- 100
					Chromium VI	TVS TVS
		<b>Inorganic (mg/L)</b>			Copper	TVS TVS
			acute	chronic	Iron(T)	--- 1000
	Ammonia	TVS	TVS		Lead	TVS TVS
	Boron	---	0.75		Manganese	TVS TVS
	Chloride	---	---		Manganese(T)	--- 200
	Chlorine	0.019	0.011		Mercury	--- 0.01(t)
	Cyanide	0.005	---		Molybdenum(T)	--- 160
	Nitrate	100	---		Nickel	TVS TVS
	Nitrite	---	0.05		Selenium	TVS TVS
	Phosphorus	---	0.11		Silver	TVS TVS(tr)
Sulfate	---	---		Uranium	--- ---	
Sulfide	---	0.002		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	
UP	Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS TVS
			acute	chronic	Arsenic	340 ---
Qualifiers:	D.O. (mg/L)	---	6.0		Arsenic(T)	--- 100
Other:	D.O. (spawning)	---	7.0		Beryllium	--- ---
	pH	6.5 - 9.0	---		Cadmium	TVS(tr) TVS
	chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III	TVS TVS
	E. Coli (per 100 mL)	---	126		Chromium III(T)	--- 100
					Chromium VI	TVS TVS
		<b>Inorganic (mg/L)</b>			Copper	TVS TVS
			acute	chronic	Iron(T)	--- 1000
	Ammonia	TVS	TVS		Lead	TVS TVS
	Boron	---	0.75		Manganese	TVS TVS
	Chloride	---	---		Manganese(T)	--- 200
	Chlorine	0.019	0.011		Mercury	--- 0.01(t)
	Cyanide	0.005	---		Molybdenum(T)	--- 160
	Nitrate	100	---		Nickel	TVS TVS
	Nitrite	---	0.05		Selenium	TVS TVS
	Phosphorus	---	0.11		Silver	TVS TVS(tr)
Sulfate	---	---		Uranium	--- ---	
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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Alamosa River/La Jara Creek/Conejos River Basins

11a. All tributaries, including wetlands, to La Jara Reservoir. La Jara Creek tributaries and wetlands 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			Aluminum	---	---	
Qualifiers:		acute	chronic			Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0		Arsenic(T)	---	7.6	
		D.O. (spawning)	---	7.0		Beryllium	---	---	
		pH	6.5 - 9.0	---		Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III	TVS	TVS	
		E. Coli (per 100 mL)	---	126		Chromium III(T)	---	100	
		Inorganic (mg/L)					Chromium VI	TVS	TVS
		acute	chronic			Copper	TVS	TVS	
		Ammonia	TVS	TVS		Iron(T)	---	1000	
		Boron	---	0.75		Lead	TVS	TVS	
		Chloride	---	---		Manganese	TVS	TVS	
		Chlorine	0.019	0.011		Manganese(T)	---	200	
		Cyanide	0.005	---		Mercury	---	0.01(t)	
		Nitrate	100	---		Molybdenum(T)	---	160	
		Nitrite	---	0.05		Nickel	TVS	TVS	
		Phosphorus	---	0.11		Selenium	TVS	TVS	
		Sulfate	---	---		Silver	TVS	TVS(tr)	
		Sulfide	---	0.002		Uranium	---	---	
						Zinc	TVS	TVS	

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, including 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			Aluminum	---	---	
Qualifiers:		acute	chronic			Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0		Arsenic(T)	---	0.02	
		D.O. (spawning)	---	7.0		Beryllium	---	---	
		pH	6.5 - 9.0	---		Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150		Chromium III	---	TVS	
		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	---	300	
		Boron	---	0.75		Iron(T)	---	1000	
		Chloride	---	250		Lead	TVS	TVS	
		Chlorine	0.019	0.011		Manganese	TVS	TVS	
		Cyanide	0.005	---		Manganese(T)	---	200	
		Nitrate	10	---		Mercury	---	0.01(t)	
		Nitrite	---	0.05		Molybdenum(T)	---	160	
		Phosphorus	---	0.11		Nickel	TVS	TVS	
		Sulfate	---	WS		Selenium	TVS	TVS	
		Sulfide	---	0.002		Silver	TVS	TVS(tr)	
						Uranium	---	---	
						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 details on TVS, TVS(tr), WS, temperature 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	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
<b>Fish Ingestion</b>		pH	6.5 - 9.0	---	Beryllium	---	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS	TVS
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Manganese(T)	---	200
		Nitrate	100	---	Mercury	---	0.01(t)
		Nitrite	---	0.05	Molybdenum(T)	---	160
		Phosphorus	---	0.17*	Nickel	TVS	TVS
		Sulfate	---	---	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					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	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021  *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature 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.							
CORGAL14A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E Water Supply	Temperature °C	CS-I	CS-I	Aluminum	---	---
		acute	chronic				
		D.O. (mg/L)	---	6.0	Arsenic	340	---
Qualifiers:		D.O. (spawning)	---	7.0	Arsenic(T)	---	0.02
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Ammonia	TVS	TVS
					Boron	---	0.75
					Chloride	---	250
					Chlorine	0.019	0.011
					Mercury	---	0.01(t)
					Cyanide	0.005	---
					Molybdenum(T)	---	160
					Nitrate	10	---
			Nickel	TVS	TVS		
			Nitrite	---	0.05		
			Selenium	TVS	TVS		
			Phosphorus	---	0.11		
			Silver	TVS	TVS(tr)		
			Sulfate	---	WS		
			Uranium	---	---		
			Sulfide	---	0.002		
			Zinc	TVS	TVS		
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.							
CORGAL14B	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	Aluminum	---	---
		acute	chronic				
		D.O. (mg/L)	---	6.0	Arsenic	340	---
Qualifiers:		D.O. (spawning)	---	7.0	Arsenic(T)	---	0.02
Other:		pH	6.5 - 9.0	---	Beryllium	---	---
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Ammonia	TVS	TVS
					Boron	---	0.75
					Chloride	---	250
					Chlorine	0.019	0.011
					Mercury	---	0.01(t)
					Cyanide	0.005	---
					Molybdenum(T)	---	160
					Nitrate	10	---
			Nickel	TVS	TVS		
			Nitrite	---	0.05		
			Selenium	TVS	TVS		
			Phosphorus	---	0.11		
			Silver	TVS	TVS(tr)		
			Sulfate	---	WS		
			Uranium	---	---		
			Sulfide	---	0.002		
			Zinc	TVS	TVS		

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 details on TVS, TVS(tr), WS, temperature 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 San Antonio River.							
CORGAL15	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	
Qualifiers:		D.O. (spawning)	---	7.0	Beryllium	---	
Other:		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Chromium III	---	
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	
Expiration Date of 12/31/2021					Chromium VI	TVS	
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4).		<b>Inorganic (mg/L)</b>			Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11*	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

  

16. Mainstem of the Conejos River from the confluence with the San Antonio River to the confluence with the Rio Grande.							
CORGAL16	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT			
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	---	
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)	---	5.0	Arsenic(T)	---	
Other:		pH	6.5 - 9.0	---	Beryllium	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	
		<b>Inorganic (mg/L)</b>			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	---	1000
		Cyanide	0.005	---	Mercury(T)	---	TVS
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature 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.							
Designation	Classifications	Physical and Biological			Metals (ug/L)		
		DM	MWAT		acute	chronic	
Reviewable	Agriculture						
	Aq Life Cold 1	CS-I	CS-I	Aluminum	---	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply			Arsenic(T)	---	0.02	
<b>Qualifiers:</b>				D.O. (mg/L)	---	6.0	
<b>Other:</b>				D.O. (spawning)	---	7.0	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
				Zinc	TVS	TVS	

  

17b. Mainstem of the Rio San Antonio from the Colorado/New Mexico border to Hwy 285.							
Designation	Classifications	Physical and Biological			Metals (ug/L)		
		DM	MWAT		acute	chronic	
Reviewable	Agriculture						
	Aq Life Cold 1	CS-II	CS-II	Aluminum	---	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply			Arsenic(T)	---	0.02	
<b>Qualifiers:</b>				D.O. (mg/L)	---	6.0	
<b>Other:</b>				D.O. (spawning)	---	7.0	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
				Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature 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	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	7.6
<b>Fish Ingestion</b>		pH	6.5 - 9.0	---	Beryllium	---	---
<b>Other:</b> *chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	---	1000
		Cyanide	0.005	---	Mercury(T)	---	0.01
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17*	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					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	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
			Zinc	TVS	TVS		

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature 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 and18.

CORGAL20	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2021		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.11	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

21. All tributaries to the Conejos River from a point immediately above the confluence with Fox Creek to the Rio Grande.

CORGAL21	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute		chronic	
UP	Recreation N				Aluminum	---	---
	Water Supply	acute	chronic	Arsenic(T)	---	0.02-10 <sup>A</sup>	
<b>Qualifiers:</b>		D.O. (mg/L)	---	3.0	Beryllium(T)	---	4.0
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium(T)	---	5.0
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Chromium III(T)	50	---
		E. Coli (per 100 mL)	---	630	Chromium VI(T)	50	---
		Inorganic (mg/L)			Copper(T)	---	200
		acute	chronic	Iron	---	WS	
		Ammonia	---	---	Lead(T)	50	---
		Boron	---	0.75	Manganese	---	WS
		Chloride	---	250	Manganese(T)	---	200
		Chlorine	---	---	Mercury(T)	---	2.0
		Cyanide	0.2	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel(T)	---	100
		Nitrite	---	1.0	Selenium(T)	---	20
		Phosphorus	---	---	Silver(T)	100	---
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.05	Zinc(T)	---	2000

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 details on TVS, TVS(tr), WS, temperature 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.

CORGAL22	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
UP	Agriculture						
	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum	---	---
	Recreation E						
		acute	chronic	Arsenic	340	---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		<b>Inorganic (mg/L)</b>			Chromium III(T)	---	100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.17	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

23. All lakes and reservoirs tributary to the Alamosa River or the Conejos River, and within the South San Juan Wilderness area.

CORGAL23	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
OW	Agriculture						
	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	---	---
	Recreation E						
	Water Supply						
		acute	chronic	Arsenic	340	---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Other:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
		<b>Inorganic (mg/L)</b>			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	---	WS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	10	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	0.025*	Selenium	TVS	TVS
		Sulfate	---	WS	Silver	TVS	TVS(tr)
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

\*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.

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 details on TVS, TVS(tr), WS, temperature 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.							
CORGAL24	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:	*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.						
		Temperature °C		Aluminum	---	---	
				Arsenic	340	---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

  

25. All lakes and reservoirs tributary to La Jara Creek from the source to a point immediately above the confluence with Hot Creek.							
CORGAL25	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT				
Reviewable	Aq Life Cold 1 Recreation E	CL	CL	acute	chronic		
Qualifiers:		acute	chronic				
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.						
		Temperature °C		Aluminum	---	---	
				Arsenic	340	---	
		D.O. (mg/L)	---	6.0	Arsenic(T)	---	7.6
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	---
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS
					Manganese(T)	---	200
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Alamosa River/La Jara Creek/Conejos River Basins

26. All lakes and reservoirs tributary to the Conejos River from the source to a point immediately above the confluence with Fox Creek, excluding the specific listings in segments 23 and 30.

CORGAL26	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	Aluminum	---	---
Qualifiers:			acute	chronic	Arsenic	340	---
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.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

27. All lakes and reservoirs tributary to the Rio de Los Pinos and within Colorado, excluding the specific listings in segment 23. All lakes and reservoirs tributary to the Rio Chama and within Colorado, excluding the specific listings in segment 23.

CORGAL27	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	Aluminum	---	---
Qualifiers:			acute	chronic	Arsenic	340	---
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.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

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 details on TVS, TVS(tr), WS, temperature 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.					
CORGAL28	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	DM	MWAT	acute	chronic
Reviewable		acute	chronic		
		Temperature °C	CL	CL	Aluminum --- ---
		D.O. (mg/L)	---	6.0	Arsenic 340 ---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Arsenic(T) --- 0.02
<b>Other:</b>  *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		pH	6.5 - 9.0	---	Beryllium --- ---
		chlorophyll a (ug/L)	---	8*	Cadmium TVS(tr) TVS
		E. Coli (per 100 mL)	---	126	Chromium III --- TVS
		Inorganic (mg/L)			Chromium III(T) 50 ---
		acute	chronic		Chromium VI TVS TVS
		Ammonia	TVS	TVS	Copper TVS TVS
		Boron	---	0.75	Iron --- WS
		Chloride	---	250	Iron(T) --- 1000
		Chlorine	0.019	0.011	Lead TVS TVS
		Cyanide	0.005	---	Manganese TVS TVS/WS
		Nitrate	10	---	Mercury --- 0.01(t)
		Nitrite	---	0.05	Molybdenum(T) --- 160
		Phosphorus	---	0.025*	Nickel TVS TVS
		Sulfate	---	WS	Selenium TVS TVS
		Sulfide	---	0.002	Silver TVS TVS(tr)
				Uranium --- ---	
				Zinc TVS TVS	

  

29. All lakes and reservoirs tributary to the Alamosa River, La Jara Creek, or Conejos River, excluding the specific listings in segments 23 through 28, and 30.					
CORGAL29	Classifications	Physical and Biological		Metals (ug/L)	
Designation	Agriculture UP Aq Life Warm 2 Recreation E	DM	MWAT	acute	chronic
UP		acute	chronic		
		Temperature °C	WL	WL	Aluminum --- ---
		D.O. (mg/L)	---	5.0	Arsenic 340 ---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Arsenic(T) --- 100
<b>Other:</b>  *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)	---	20*	Beryllium --- ---
		E. Coli (per 100 mL)	---	126	Cadmium TVS(tr) TVS
		Inorganic (mg/L)			Chromium III TVS TVS
		acute	chronic		Chromium III(T) --- 100
		Ammonia	TVS	TVS	Chromium VI TVS TVS
		Boron	---	0.75	Copper TVS TVS
		Chloride	---	---	Iron(T) --- 1000
		Chlorine	0.019	0.011	Lead TVS TVS
		Cyanide	0.005	---	Manganese TVS TVS
		Nitrate	100	---	Mercury(T) --- 0.01
		Nitrite	---	0.05	Molybdenum(T) --- 160
		Phosphorus	---	0.083*	Nickel TVS TVS
		Sulfate	---	---	Selenium TVS TVS
		Sulfide	---	0.002	Silver TVS TVS(tr)
					Uranium --- ---
				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 details on TVS, TVS(tr), WS, temperature 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			
Reviewable	Aq Life Cold 1	CLL	CLL	acute	chronic	
	Recreation E	acute	chronic	Aluminum	---	
	Water Supply	Temperature °C		Arsenic	340	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---
		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>  *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
		chlorophyll a (ug/L)	---	8*	Chromium III	---
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
					Chromium VI	TVS
					Copper	TVS
					Iron	---
					Iron(T)	---
					Lead	TVS
					Manganese	TVS
					Mercury(T)	---
					Molybdenum(T)	---
					Nickel	TVS
					Selenium	TVS
					Silver	TVS
					Uranium	---
					Zinc	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature 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	Aluminum	---      ---
	Recreation E Water Supply	acute	chronic	Arsenic	340      ---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---      0.02
		D.O. (spawning)	---	7.0	Beryllium	---      ---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---      TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50      ---
		Inorganic (mg/L)			Chromium VI	TVS      TVS
		acute	chronic	Copper	TVS      TVS	
		Ammonia	TVS	TVS	Iron	---      WS
		Boron	---	0.75	Iron(T)	---      1000
		Chloride	---	250	Lead	TVS      TVS
		Chlorine	0.019	0.011	Manganese	TVS      TVS/WS
		Cyanide	0.005	---	Mercury	---      0.01(t)
		Nitrate	10	---	Molybdenum(T)	---      160
		Nitrite	---	0.05	Nickel	TVS      TVS
		Phosphorus	---	0.11	Selenium	TVS      TVS
		Sulfate	---	WS	Silver	TVS      TVS(tr)
		Sulfide	---	0.002	Uranium	---      ---
			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	Aluminum	---      ---
	Recreation E Water Supply	acute	chronic	Arsenic	340      ---	
<b>Qualifiers:</b>		D.O. (mg/L)	---	6.0	Arsenic(T)	---      0.02
		D.O. (spawning)	---	7.0	Beryllium	---      ---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)      TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---      TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50      ---
		Inorganic (mg/L)			Chromium VI	TVS      TVS
		acute	chronic	Copper	TVS      TVS	
		Ammonia	TVS	TVS	Iron	---      WS
		Boron	---	0.75	Iron(T)	---      1000
		Chloride	---	250	Lead	TVS      TVS
		Chlorine	0.019	0.011	Manganese	TVS      TVS/WS
		Cyanide	0.005	---	Mercury	---      0.01(t)
		Nitrate	10	---	Molybdenum(T)	---      160
		Nitrite	---	0.05	Nickel	TVS      TVS
		Phosphorus	---	0.11	Selenium	TVS      TVS
		Sulfate	---	WS	Silver	TVS      TVS(tr)
		Sulfide	---	0.002	Uranium	---      ---
			Zinc	TVS      TVS		

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature 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	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron	---	WS
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	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	11/1 - 3/31	13	9	Aluminum	---	---
	Recreation E	Temperature °C	4/1 - 10/31	26.5	20	Arsenic	340	---
	Water Supply				Arsenic(T)	---	0.02	
<b>Qualifiers:</b>			acute	chronic	Beryllium	---	---	
<b>Other:</b>		D.O. (mg/L)	---	6.0	Cadmium	TVS(tr)	TVS	
		D.O. (spawning)	---	7.0	Chromium III	---	TVS	
		pH	6.5 - 9.0	---	Chromium III(T)	50	---	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium VI	TVS	TVS	
		E. Coli (per 100 mL)	---	126	Copper	TVS	TVS	
					Iron	---	WS	
		Inorganic (mg/L)			Iron(T)	---	1000	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS/WS	
		Boron	---	0.75	Mercury	---	0.01(t)	
		Chloride	---	250	Molybdenum(T)	---	160	
		Chlorine	0.019	0.011	Nickel	TVS	TVS	
		Cyanide	0.005	---	Selenium	TVS	TVS	
		Nitrate	10	---	Silver	TVS	TVS(tr)	
		Nitrite	---	0.05	Uranium	---	---	
		Phosphorus	---	0.11	Zinc	TVS	TVS	
		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 details on TVS, TVS(tr), WS, temperature 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 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	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Beryllium	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150*	Cadmium	TVS
Temporary Modification(s):		E. Coli (per 100 mL)	---	126	Chromium III	---
Arsenic(chronic) = hybrid		<b>Inorganic (mg/L)</b>			Chromium III(T)	50
Expiration Date of 12/31/2021			acute	chronic	Chromium VI	TVS
*chlorophyll a (mg/m <sup>2</sup> )(chronic) = applies only above the facilities listed at 36.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		Ammonia	TVS	TVS	Copper	TVS
		Boron	---	0.75	Iron	---
		Chloride	---	250	Iron(T)	---
		Chlorine	0.019	0.011	Lead	TVS
		Cyanide	0.005	---	Manganese	TVS
		Nitrate	10	---	Mercury	---
		Nitrite	---	0.05	Molybdenum(T)	---
		Phosphorus	---	0.17*	Nickel	TVS
		Sulfate	---	WS	Selenium	TVS
		Sulfide	---	0.002	Silver	TVS
					Uranium	---
					Zinc	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	Aluminum	---
	Recreation E		acute	chronic	Arsenic	340
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50
Expiration Date of 12/31/2021		<b>Inorganic (mg/L)</b>			Chromium VI	TVS
			acute	chronic	Copper	TVS
		Ammonia	TVS	TVS	Iron	---
		Boron	---	0.75	Iron(T)	---
		Chloride	---	250	Lead	TVS
		Chlorine	0.019	0.011	Manganese	TVS
		Cyanide	0.005	---	Mercury	---
		Nitrate	10	---	Molybdenum(T)	---
		Nitrite	---	0.05	Nickel	TVS
		Phosphorus	---	0.11	Selenium	TVS
		Sulfate	---	WS	Silver	TVS
		Sulfide	---	0.002	Uranium	---
					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 details on TVS, TVS(tr), WS, temperature 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			
Reviewable	Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Aluminum	acute	chronic
Qualifiers:			acute	chronic	Arsenic	340	---
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	100
		D.O. (spawning)	---	7.0	Beryllium	---	---
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	100
					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron(T)	---	1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron	---	0.75	Manganese	TVS	TVS
		Chloride	---	---	Mercury	---	0.01(t)
		Chlorine	0.019	0.011	Molybdenum(T)	---	160
		Cyanide	0.005	---	Nickel	TVS	TVS
		Nitrate	100	---	Selenium	TVS	TVS
		Nitrite	---	0.05	Silver	TVS	TVS(tr)
		Phosphorus	---	0.11	Uranium	---	---
		Sulfate	---	---	Zinc	TVS	TVS
		Sulfide	---	0.002			
6. Deleted.							
CORGCB06	Classifications	Physical and Biological			Metals (ug/L)		
Designation			DM	MWAT			
Qualifiers:			acute	chronic			
Other:		Inorganic (mg/L)					
			acute	chronic			

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature 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 source to Kerber Creek, and the mainstem of Elkhorn Gulch.							
CORGCB08	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1 Recreation E	CS-I	CS-I	Aluminum	---	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
Other:		D.O. (mg/L)	---	6.0	Arsenic(T)	---	
		D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron(T)	---	
		Boron	---	0.75	Lead	TVS	
		Chloride	---	---	Manganese	TVS	
		Chlorine	0.019	0.011	Mercury	---	
		Cyanide	0.005	---	Molybdenum(T)	---	
		Nitrate	100	---	Nickel	TVS	
		Nitrite	---	0.05	Selenium	TVS	
		Phosphorus	---	0.11	Silver	TVS	
		Sulfate	---	---	Uranium	---	
		Sulfide	---	0.002	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 details on TVS, TVS(tr), WS, temperature standards.



# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Closed Basin-San Luis Valley River Basin

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		DM	MWAT		acute	chronic
UP	Agriculture					
	Aq Life Cold 1	CS-I	CS-I	Aluminum	---	---
	Recreation E	<b>acute</b>	<b>chronic</b>	Arsenic	340	---
	Water Supply			Arsenic(T)	---	0.02
<b>Qualifiers:</b>				D.O. (mg/L)	---	6.0
<b>Goal Qualifier for Agriculture and Water Supply</b>				D.O. (spawning)	---	7.0
		6.5 - 9.0	---	pH		
<b>Other:</b>		<b>Inorganic (mg/L)</b>				
					<b>acute</b>	<b>chronic</b>
	chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	SSE*	---
	E. Coli (per 100 mL)	---	126	Cadmium III	---	TVS
Temporary Modification(s):						
Arsenic(chronic) = hybrid						
Expiration Date of 12/31/2021						
*Cadmium(acute) = e^(0.7852ln[hard]-1.545)						
*Cadmium(chronic) = e^(0.7852ln[hard]-2.906)						
*Copper(acute) = e^(0.8889ln[hard]+0.53)						
*Copper(chronic) = e^(0.8889ln[hard]-1.519)						
*Zinc(acute) = e^(0.8179ln[hard]+3.757)						
*Zinc(chronic) = e^(0.8179ln[hard]+2.907)						
	Ammonia	TVS	TVS	Chromium III(T)	50	---
	Boron	---	0.75	Chromium VI	TVS	TVS
	Chloride	---	250	Copper	---	SSE*
	Chlorine	0.019	0.011	Copper	SSE*	TVS
	Cyanide	0.005	---	Copper	TVS	---
	Nitrate	10	---	Iron	---	300
	Nitrite	---	0.05	Iron(T)	---	1000
	Phosphorus	---	0.11	Lead	TVS	TVS
	Sulfate	---	WS	Manganese	TVS	TVS/WS
	Sulfide	---	0.002	Mercury	---	0.01(t)
				Molybdenum(T)	---	160
				Nickel	TVS	TVS
				Selenium	TVS	TVS
				Silver	TVS	TVS(tr)
				Uranium	---	---
				Zinc	SSE*	TVS
				Zinc	TVS	---
				Zinc	---	SSE*

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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Closed Basin-San Luis Valley River Basin

10. Mainstem of Sand Creek, including all tributaries and wetlands, from the source to the mouth. Mainstem of Medano Creek, including all tributaries and wetlands, from the source to the mouth.

CORGC10	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
OW	Agriculture						
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	210
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

11. All tributaries to the Closed Basin within the Rio Grande National Forest boundaries except segments 1, 2a, 2b, 2c, 4, 9a, 9b, 10, 12a and 12b.

CORGC11	Classifications	Physical and Biological			Metals (ug/L)		
Designation		DM	MWAT		acute	chronic	
Reviewable	Agriculture						
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
					Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Iron	---	WS
					Iron(T)	---	1000
					Lead	TVS	TVS
					Manganese	TVS	TVS/WS
					Mercury	---	0.01(t)
					Molybdenum(T)	---	160
					Nickel	TVS	TVS
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	---	---
					Zinc	TVS	TVS

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 details on TVS, TVS(tr), WS, temperature 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 Ford Creek, excluding the specific listings in segment 1.

CORGC12A	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2021					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

12b. Mainstem of Saguache Creek, including all tributaries and wetlands, from a point just below the confluence with Ford Creek to Hwy 285.

CORGC12B	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	TVS
Temporary Modification(s):		chlorophyll a (mg/m <sup>2</sup> )	---	150	Chromium III	---	TVS
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---
Expiration Date of 12/31/2021					Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron	---	WS	
		Ammonia	TVS	TVS	Iron(T)	---	1000
		Boron	---	0.75	Lead	TVS	TVS
		Chloride	---	250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	---	0.01(t)
		Cyanide	0.005	---	Molybdenum(T)	---	160
		Nitrate	10	---	Nickel	TVS	TVS
		Nitrite	---	0.05	Selenium	TVS	TVS
		Phosphorus	---	0.11	Silver	TVS	TVS(tr)
		Sulfate	---	WS	Uranium	---	---
		Sulfide	---	0.002	Zinc	TVS	TVS

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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Closed Basin-San Luis Valley River Basin

13. Mainstem of Saguache Creek from Hwy 285 to the confluence with San Luis Creek. Mainstem of Russel Creek. Mainstem of Cottonwood Creek downstream of the Rio Grande National Forest Boundary.

CORGC13	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Beryllium	---	---
<b>Other:</b>		chlorophyll a (mg/m <sup>2</sup> )	---	150	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS
		Inorganic (mg/L)			Chromium III(T)	50	---
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron	---	WS
		Chloride	---	250	Iron(T)	---	1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005	---	Manganese	TVS	TVS/WS
		Nitrate	10	---	Mercury	---	0.01(t)
		Nitrite	---	0.5	Molybdenum(T)	---	160
		Phosphorus	---	0.17	Nickel	TVS	TVS
		Sulfate	---	WS	Selenium	TVS	TVS
		Sulfide	---	0.002	Silver	TVS	TVS
					Uranium	---	---
					Zinc	TVS	TVS

14. All wetlands tributary to the Closed Basin, excluding the specific listings in segments 1 through 13.

CORGC14	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	---	---
	Recreation E		acute	chronic	Arsenic	340	---
<b>Qualifiers:</b>		D.O. (mg/L)	---	5.0	Arsenic(T)	---	100
<b>Other:</b>		pH	6.5 - 9.0	---	Beryllium	---	---
		chlorophyll a (mg/m <sup>2</sup> )	---	---	Cadmium	TVS	TVS
		E. Coli (per 100 mL)	---	126	Chromium III	TVS	TVS
		Inorganic (mg/L)			Chromium III(T)	---	100
		acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron	---	0.75	Iron(T)	---	1000
		Chloride	---	---	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005	---	Mercury	---	0.01(t)
		Nitrate	100	---	Molybdenum(T)	---	160
		Nitrite	---	0.05	Nickel	TVS	TVS
		Phosphorus	---	---	Selenium	TVS	TVS
		Sulfate	---	---	Silver	TVS	TVS
		Sulfide	---	0.002	Uranium	---	---
					Zinc	TVS	TVS

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

D.O. = dissolved oxygen  
DM = daily maximum  
MWAT = maximum weekly average temperature  
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Closed Basin-San Luis Valley River Basin

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	CL	CL	Aluminum	---	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		---	7.0	Beryllium	---	---	
Other:		6.5 - 9.0	---	Cadmium	TVS(tr)	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.		---	8*	Chromium III	---	TVS	
		---	126	Chromium III(T)	50	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		TVS	TVS	Iron	---	WS	
		---	0.75	Iron(T)	---	1000	
		---	250	Lead	TVS	TVS	
		0.019	0.011	Manganese	TVS	TVS/WS	
		0.005	---	Mercury	---	0.01(t)	
		10	---	Molybdenum(T)	---	160	
		---	0.05	Nickel	TVS	TVS	
		---	0.025*	Selenium	TVS	TVS	
		---	WS	Silver	TVS	TVS(tr)	
		---	0.002	Uranium	---	---	
				Sulfide	TVS	TVS	

  

16. All lakes and reservoirs tributary to La Garita Creek from the source to 38 Road. All lakes and reservoirs tributary to Carnero 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	CL	CL	Aluminum	---	---	
	Recreation E	acute	chronic	Arsenic	340	---	
	Water Supply	---	6.0	Arsenic(T)	---	0.02	
Qualifiers:		---	7.0	Beryllium	---	---	
Other:		6.5 - 9.0	---	Cadmium	TVS(tr)	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.		---	8*	Chromium III	---	TVS	
		---	126	Chromium III(T)	50	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		TVS	TVS	Iron	---	WS	
		---	0.75	Iron(T)	---	1000	
		---	250	Lead	TVS	TVS	
		0.019	0.011	Manganese	TVS	TVS/WS	
		0.005	---	Mercury	---	0.01(t)	
		10	---	Molybdenum(T)	---	160	
		---	0.05	Nickel	TVS	TVS	
		---	0.025*	Selenium	TVS	TVS	
		---	WS	Silver	TVS	TVS(tr)	
		---	0.002	Uranium	---	---	
				Sulfide	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 details on TVS, TVS(tr), WS, temperature standards.

# REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

## Closed Basin-San Luis Valley River Basin

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	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	6.0	Arsenic(T)	---	0.02	
<b>Qualifiers:</b>		D.O. (spawning)	---	7.0	Beryllium	---	---	
<b>Other:</b>		pH	6.5 - 9.0	---	Cadmium	TVS(tr)	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.		chlorophyll a (ug/L)	---	8*	Chromium III	---	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	50	---	
		<b>Inorganic (mg/L)</b>				Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron	---	WS	
		Boron	---	0.75	Iron(T)	---	1000	
		Chloride	---	250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		Cyanide	0.005	---	Mercury	---	0.01(t)	
		Nitrate	10	---	Molybdenum(T)	---	160	
		Nitrite	---	0.05	Nickel	TVS	TVS	
		Phosphorus	---	0.025*	Selenium	TVS	TVS	
		Sulfate	---	WS	Silver	TVS	TVS(tr)	
		Sulfide	---	0.002	Uranium	---	---	
					Zinc	TVS	TVS	

  

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	Aluminum	---	---	
	Recreation E		acute	chronic	Arsenic	340	---	
	Water Supply	D.O. (mg/L)	---	5.0	Arsenic(T)	---	0.02-10 <sup>A</sup>	
<b>Qualifiers:</b>		pH	6.5 - 9.0	---	Beryllium	---	---	
<b>Other:</b>		chlorophyll a (ug/L)	---	20*	Cadmium	TVS	TVS	
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		E. Coli (per 100 mL)	---	126	Chromium III	---	TVS	
		<b>Inorganic (mg/L)</b>				Chromium III(T)	50	---
			acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		Boron	---	0.75	Iron	---	WS	
		Chloride	---	250	Iron(T)	---	1000	
		Chlorine	0.019	0.011	Lead	TVS	TVS	
		Cyanide	0.005	---	Manganese	TVS	TVS/WS	
		Nitrate	10	---	Mercury	---	0.01(t)	
		Nitrite	---	0.05	Molybdenum(T)	---	160	
		Phosphorus	---	0.083*	Nickel	TVS	TVS	
		Sulfate	---	WS	Selenium	TVS	TVS	
		Sulfide	---	0.002	Silver	TVS	TVS	
					Uranium	---	---	
					Zinc	TVS	TVS	

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

D.O. = dissolved oxygen  
 DM = daily maximum  
 MWAT = maximum weekly average temperature  
 See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

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

19. San Luis Lake.							
CORGCB19	Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	DM	MWAT	acute	chronic		
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	1/1 - 3/31	CLL	Aluminum	---	
Qualifiers:		Temperature °C	1/1 - 3/31	CLL	Arsenic	340	
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.	acute	chronic	Arsenic(T)	---	7.6	
		D.O. (mg/L)	---	6.0	Beryllium	---	
		D.O. (spawning)	---	7.0	Cadmium	TVS	
		pH	6.5 - 9.0	---	Chromium III	TVS	
		chlorophyll a (ug/L)	---	8*	Chromium III(T)	---	
		E. Coli (per 100 mL)	---	126	Chromium VI	TVS	
		Inorganic (mg/L)			Copper	TVS	TVS
		acute	chronic	Iron(T)	---	1000	
		Ammonia	TVS	TVS	Lead	TVS	
		Boron	---	0.75	Manganese	TVS	
		Chloride	---	---	Mercury	---	
		Chlorine	0.019	0.011	Molybdenum(T)	---	
		Cyanide	0.005	---	Nickel	TVS	
		Nitrate	100	---	Selenium	TVS	
		Nitrite	---	0.05	Silver	TVS	
		Phosphorus	---	0.025*	Uranium	---	
		Sulfate	---	---	Zinc	TVS	
		Sulfide	---	0.002			

  

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	Aluminum	---	
Qualifiers:		acute	chronic	Arsenic	340	---	
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.	D.O. (mg/L)	---	6.0	Arsenic(T)	---	
		D.O. (spawning)	---	7.0	Beryllium	---	
		pH	6.5 - 9.0	---	Cadmium	TVS	
		chlorophyll a (ug/L)	---	8*	Chromium III	TVS	
		E. Coli (per 100 mL)	---	126	Chromium III(T)	---	
		Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron(T)	---	
		Boron	---	0.75	Lead	TVS	
		Chloride	---	---	Manganese	TVS	
		Chlorine	0.019	0.011	Mercury	---	
		Cyanide	0.005	---	Molybdenum(T)	---	
		Nitrate	100	---	Nickel	TVS	
		Nitrite	---	0.05	Selenium	TVS	
		Phosphorus	---	0.025*	Silver	TVS	
		Sulfate	---	---	Uranium	---	
		Sulfide	---	0.002	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 details on TVS, TVS(tr), WS, temperature standards.

## **STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS – FOOTNOTES**

- (A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.