

36.6(4)

**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8                  |  | Desig | Classifications   | NUMERIC STANDARDS   |   |  |   |  |  | TEMPORARY MODIFICATIONS AND QUALIFIERS   |
|----------------------------|--|-------|---|---|---|--|---|--|--|--|
| BASIN: Rio Grande          |  |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  |  | METALS ug/l   |  |  |  |
| Stream Segment Description |  |       |   |   |   |  |   |  |  |  |
| 1.                         | All tributaries to the Rio Grande, including all wetlands, lakes and reservoirs, which are within the Weminuche Wilderness Area.   | OW    | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS                  | Cu(ac/ch)=TVS<br>Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 2.                         | Mainstem of the Rio Grande, including all wetlands, tributaries, lakes and reservoirs, from the source to a point immediately above the confluence with Willow Creek except for the specific listings in segments 1 and 3.   |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS                  | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 3.                         | Rio Grande Reservoir; Santa Maria Reservoir; mainstem of Seepage Creek from the outlet of Santa Maria Reservoir to a point one mile below the outlet of Santa Maria Reservoir; North Clear Creek from the outlet of Continental Reservoir to a point immediately above the confluence with Rito Hondo Creek.   |       | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS                     | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)                | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      | Fish Ingestion   |
| 4.                         | Mainstem of the Rio Grande from a point immediately above the confluence with Willow Creek to the Rio Grande/Alamosa County line.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS                  | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Temporary Modification type iii:<br>As(ch)=existing quality<br>Cd(ch)=existing quality<br>Cu(ch)=existing quality<br>Pb(ch)=existing quality<br>Zn(ch)=existing quality<br>Expiration Date of 12/31/2013 |
| 5.                         | All tributaries to the Rio Grande, including all wetlands, lakes and reservoirs, from immediately above the confluence with Willow Creek to State Highway 112 bridge in Del Norte, except for specific listings in segments 6 through 10.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS                  | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 6.                         | Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump.  |       | Aq Life Cold 1<br>Recreation E                                | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                 | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)                                 | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      |  |
| 7.                         | Mainstem of West Willow Creek from the Park Regent Mine dump to the confluence with East Willow Creek; mainstem of East Willow Creek from the confluence with Whited Creek to the confluence with West 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. | UP    | Recreation E<br>Agriculture                                   | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml |   |  |   |  |  |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><b>BASIN: Rio Grande</b>  | Desig | Classifications   | NUMERIC STANDARDS   |   |  |   |   |  | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|--|-------|---|---|---|--|---|---|--|--|
|  |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  |  | METALS ug/l   |   |  |  |
| Stream Segment Description   |       |   |   |   |  |   |   |  |  |
| 8. Mainstem of Goose Creek, including all tributaries, and wetlands from the source to the confluence with the Rio Grande except segment 1.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 9. Mainstem of the South Fork of Rio Grande, including all tributaries, wetlands, lakes and reservoirs, from source to confluence with Rio Grande except segment 1.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 10. Mainstem of Pinos Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to the confluence with Rio Grande.   |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 11. Mainstem of San Francisco Creek (Rio Grande County), including all tributaries, wetlands, lakes and reservoirs, from the source to the confluence with Spring Branch.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=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).  |       | Aq Life Warm 1<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.50   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                   | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS  |  |
| 13. Mainstem of the Rio Grande from Old State Bridge east of Lobatos (Conejos County Road G) to the Colorado/New Mexico border.  |       | Aq Life Cold 1<br>Recreation E<br>Agriculture                 | D.O.= 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml   | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS                     | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      |  |
| 14. All tributaries to the Rio Grande including wetlands, lakes and reservoirs, which are within the Rio Grande National Forest, from the State Highway 112 bridge in Del Norte to immediately below the confluence of Rock Creek with the Rio Grande, except for specific listings in segments 11, 19 and 20. |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O.=6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml    | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 15. All tributaries to the Rio Grande from State Highway 112 bridge in Del Norte to the Colorado-New Mexico Stalene except for specific listings in segments 16 through 30.  | UP    | Recreation N<br>Agriculture                                   | D.O.=5.0mg/l<br>pH=6.5-9.0<br>E.Coli=630/100ml                            | CN=0.2<br>NO <sub>2</sub> =100<br>NO <sub>3</sub> =10   | B=0.75   | As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ch)=10(Trec)   | CrIII(ch)=100(Trec)<br>CrVI(ch)=100(Trec)<br>Cu(ch)=200(Trec)<br>Pb(ch)=100(Trec)         | Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec)   |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><b>BASIN: Rio Grande</b><br>Stream Segment Description   | Desig | Classifications   | NUMERIC STANDARDS   |   |  |  |  |   | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|-------|---|---|---|--|--|--|---|--|
|   |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  |  | METALS ug/l  |  |   |  |
| 16. All waters within the Alamosa National Wildlife Refuge, except segment 12.  | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                      | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS    | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS   |  |
| 17. All waters within the Monte Vista National Wildlife Refuge.   | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011             | CN=0.005<br>S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                      | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS    | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS   |  |
| 18. All wetlands tributary to the Rio Grande, including lakes and reservoirs, from State Highway 112 bridge in Del Norte to the Colorado/New Mexico border, except for specific listings in segments 17, 21, 22 through 30. | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                      | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS    | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS   | Fish Ingestion                         |
| 19. Mainstem of Rock Creek, including all tributaries, wetlands, lakes and reservoirs from source to Monte Vista Canal.   |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS      | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  |  |
| 20. Mainstem of Cat Creek from the source to the Terrace Main Canal.  |       | Aq Life Cold 1<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250                        | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS   | CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS | Hg(ch)=0.01(Trec)<br>Mn(ac/ch)=TVS<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 21. Mainstem of Ute Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to U.S. Hwy 160.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS      | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  |  |
| 22. Mainstem of Ute Creek from U.S. Hwy 160 to the confluence with Sangre de Cristo Creek.  |       | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS      | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  |  |
| 23. Mainstem of Sangre de Cristo Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to State Hwy 159.  |       | Aq Life Cold 1<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS                      | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)    | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                                       |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8                  |   | Desig | Classifications   | NUMERIC STANDARDS   |   |  |  |   |  | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|----------------------------|---|-------|---|---|---|--|--|---|--|--|
| <b>BASIN: Rio Grande</b>   |   |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  |  | METALS ug/l  |   |  |  |
| Stream Segment Description |   |       |   |   |   |  |  |   |  |  |
| 24.                        | Mainstem of Sangre de Cristo Creek from State Highway 159 to inlet of Smith Reservoir.  |       | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS                      | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)TVS<br>Hg(ch)=0.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      |  |
| 25.                        | Mainstem of Trinchera Creek including all tributaries, wetlands, lakes and reservoirs, from source to the outlet of Mountain Home Reservoir.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 26.                        | Mainstem of Trinchera Creek from the outlet of Mountain Home Reservoir to the Rio Grande with the exception of segment 27.  |       | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011             | CN=0.005<br>S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=50<br>CrVI(ac/ch)=TVS                         | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      |  |
| 27.                        | Smith Reservoir.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Mn(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 28.                        | Mainstem of Rito Seco, including all tributaries, wetlands, lakes and reservoirs, from the source to the outlet of Salzar Reservoir.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 29.                        | Mainstem of Rito Seco from the outlet of Salzar Reservoir to the confluence with Culebra Creek.   |       | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 30.                        | Mainstem of Culebra Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to State Highway 159 except segments 28 and 29, mainstem and all tributaries of Costilla Creek in Colorado to 7 Road. |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS    | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS   | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |

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STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 8   |  | Classifications | NUMERIC STANDARDS   |  |   |  |  |  | TEMPORARY MODIFICATIONS AND QUALIFIERS   |  |
|---|--|-----------------|---|--|---|--|--|--|--|--|
| BASIN: Alamosa River/La Jara Creek/Conejos River  |  |                 | PHYSICAL and BIOLOGICAL                                       | INORGANIC mg/l   |   | METALS ug/l  |  |  |  |  |
| Stream Segment Description  |  | Desig           |   |  |   |  |  |  |  |  |
| 1. All tributaries to the Rio Grande, including all wetlands, lakes and reservoirs which are within the South San Juan Wilderness area.   |  | OW              | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml   | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS                  | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 2. Mainstem of the Alamosa River, including all tributaries, wetlands, lakes and reservoirs from source to immediately above the confluence with Alum Creek, except for specific listings in segment 1. |  |                 | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml   | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS                  | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 3a. Mainstem of Alamosa River from immediately above the confluence with Alum Creek to immediately above the confluence of Wightman Fork.   |  | UP              | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>E.Coli=126/100ml<br><br><b>Seasonal Stds.</b><br><b>12/1-2/28</b><br>pH=3.52-9.0<br><b>3/1-5/31:</b><br>pH=4.0-9.0<br><b>6/1-8/31</b><br>pH=4.73-9.0<br><b>9/1-11/31:</b><br>pH= 3.94-9.0 | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br><br><b>Seasonal Stds.</b><br><b>5/1-6/30</b><br>Al(ch)=3,100(Trec)<br>Al(ch)=98<br>Al(ac)=4,000(Trec)<br>Al(ac)=161<br><b>7/1-4/30</b><br>Al(ch)=6,200(Trec)<br>Al(ch)=903<br>Al(ac)=19,900(Trec)<br>Al(ac)=6,005 | Cu(ac)=TVS<br>Fe(ch)=12000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                                       |  |
| 3b. Mainstem of the Alamosa River from immediately above the confluence with the Wightman Fork to immediately above the confluence with Fern Creek.   |  | UP              | Aq Life Cold 1<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml   | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br><br><b>Seasonal Stds.</b><br><b>5/1-6/30</b><br>Al(ch)=3,000(Trec)<br>Al(ch)=41<br>Al(ac)=4,300(Trec)<br>Al(ac)=41<br><b>7/1-4/30</b><br>Al(ch)=3,000(Trec)<br>Al(ch)=317<br>Al(ac)=3,100(Trec)<br>Al(ac)=756     | Cu(ac)=TVS<br>Cu(ch)=30<br>Fe(ch)=12000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)     | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      | Temporary Modification type iii:<br>Se(ch)=existing quality<br><br>Expiration Date<br>12/31/2013 |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8   |  | Classifications | NUMERIC STANDARDS                             |  |   |  |   |   | TEMPORARY MODIFICATIONS AND QUALIFIERS  |  |
|---|--|-----------------|---|--|---|--|---|---|---|--|
| <b>BASIN: Alamosa River/La Jara Creek/Conejos River</b><br>Stream Segment Description   |  |                 | Desig   | PHYSICAL and BIOLOGICAL  | INORGANIC mg/l  | METALS ug/l                                |   |   |   |  |
| 3c. Mainstem of the Alamosa River from immediately below the confluence with Fern Creek to immediately below the confluence with Ranger Creek.                |  | UP              | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br><br><b>Seasonal Stds.</b><br><b>5/1-6/30</b><br>Al(ch)=4,600(Trec)<br>Al(ch)=42<br>Al(ac)=6,200(Trec)<br>Al(ac)=87<br><b>7/1-4/30</b><br>Al(ch)=3,700(Trec)<br>Al(ch)=137<br>Al(ac)=6,700(Trec)<br>Al(ac)=645 | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=12000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 3d. Mainstem of the Alamosa River from immediately below the confluence with Ranger Creek to the inlet of Terrace Reservoir                                   |  |                 | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br><br><b>Seasonal Stds.</b><br><b>5/1-6/30</b><br>Al(ch)=3,500(Trec)<br>Al(ch)=87<br>Al(ac)=5,200(Trec)<br>Al(ac)=90<br><b>7/1-4/30</b><br>Al(ch)=3,100(Trec)<br>Al(ch)=56<br>Al(ac)=3,700(Trec)<br>Al(ac)=559  | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=12000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 4a. Mainstem of Alum Creek, Bitter Creek, Burnt Creek and Iron Creek from their sources to their confluences with the Alamosa River with the exception of 4b. |  | UP              | Recreation E<br>Agriculture                   | pH = 2.5-9.0<br>E.Coli=126/100ml   |   |  |   |   |   |  |
| 4b. Mainstem of Iron Creek from its source to immediately above the confluence with South Mountain Creek.   |  |                 | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS   | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)                     | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 5. Mainstem of Wightman Fork from source to west line of S30 T37N R4E, including all tributaries and wetlands.  |  |                 | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS   | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS    | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  |  |
| 6. Mainstem Wightman Fork from the west line of S30, T37N, R4E to the confluence with the Alamosa River.  |  | UP              | Recreation E<br>Agriculture                   | E.Coli=126/100ml   |   |  |   |   |   |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><br><b>BASIN: Alamosa River/La Jara Creek/Conejos River</b><br><br>Stream Segment Description  | Desig | Classifications                               | NUMERIC STANDARDS  |   |   |   |   |  | TEMPORARY MODIFICATIONS AND QUALIFIERS      |
|---|-------|---|--|---|---|---|---|--|---|
|   |       |   | PHYSICAL and BIOLOGICAL  | INORGANIC mg/l  |   |   |   | METALS ug/l  |   |
| 7. Jasper Creek, including all tributaries and wetlands, from the source to the confluence with Alamosa River.  | UP    | Aq Life Cold 2<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 5.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05  | As(ac)=340(dis)<br>As(ch)=100<br>Cd(ch)=1<br>CrIII(ch)=100<br>CrVI(ch)=25<br>Cu(ch)=90  | Fe(ch)=3400<br>Pb(ch)=4<br>Mn(ch)=1000<br>Hg(ch)=0.05<br>Ni(ch)=5   | Se(ch)=20<br>Ag(ch)=0.1<br>Zn(ch)=170  | All metals are Trec unless otherwise noted. |
| 8. Terrace Reservoir.   | UP    | Aq Life Cold 2<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =250 | Al(ch)=28<br>Al(ac)=77<br>As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br><br><b>Seasonal Stds.</b><br><b>5/1-6/30 Near Surface</b><br>Al(ch)=1,800(Trec)<br>Al(ac)=1,800(Trec)<br><b>5/1-6/30 Near Bottom</b><br>Al(ch)=4,800(Trec)<br>Al(ac)=5,600(Trec)<br><b>7/1-4/30 Near Surface</b><br>Al(ch)=200(Trec)<br>Al(ac)=200(Trec)<br><b>7/1-4/30 Near Bottom</b><br>Al(ch)=400(Trec)<br>Al(ac)=600(Trec) | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=200(Trec)     | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |   |
| 9. Mainstem of Alamosa River from the outlet of Terrace Reservoir to Colorado Hwy 15 (Gunbarrel Road).  | UP    | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05  | Al(ac)=750<br>Al(ch)=87<br>As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)   | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=200(Trec)     | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |   |
| 10. Mainstem of the Alamosa River from Colorado Highway 15 (Gunbarrel Road) to its point of final diversion.  | UP    | Aq Life Cold 2<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05  | Al(ac)=750<br>Al(ch)=87<br>As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)   | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=200(Trec)     | Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |   |
| 11. Mainstem of La Jara Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to immediately above the confluence with Hot Creek. |       | Aq Life Cold 1<br>Recreation E<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011             | CN=0.005<br>S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05  | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=300(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=200(Trec)<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                      |   |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><b>BASIN: Alamosa River/La Jara Creek/Conejos River</b>   | Desig | Classifications   | NUMERIC STANDARDS   |   |  |   |  |   | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|--|-------|---|---|---|--|---|--|---|--|
|  |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  | METALS ug/l  |   |  |   |  |
| Stream Segment Description   |       |   |   |   |  |   |  |   |  |
| 12. Mainstem of La Jara Creek from immediately above the confluence with Hot Creek to the confluence with the Rio Grande.  |       | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                         | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                   | Fe(ch)=1000(Trec)<br>Pb(ac)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=200(Trec)<br>Hg(ch)=0.01(Trec)                    | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Fish Ingestion                         |
| 13. Mainstem Hot Creek from source to confluence with La Jara Creek.   |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml    | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 14. Mainstem of Conejos River including all tributaries, wetlands, lakes and reservoirs, from source to immediately above the confluence with Fox Creek except for specific listing in segment 1.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 15. Mainstem of Conejos River from a point immediately above the confluence with Fox Creek to the confluence with the San Antonio River.   |       | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Fish Ingestion                         |
| 16. Mainstem of the Conejos River from the confluence with the San Antonio River to the confluence with the Rio Grande.  | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                   | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=1000<br>Hg(ch)=TVS(Trec)<br>Ni(ac/ch)=TVS                       | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  | Fish Ingestion                         |
| 17. Mainstem of Rio de Los Pinos, including all tributaries, wetlands, lakes and reservoirs, from the source to the New Mexico border, except for specific listings in segment 1. Mainstem of the Rio San Antonio from the New Mexico border to Highway 285. |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 18. Mainstem of the Rio San Antonio from Highway 285 to the confluence with the Conejos River.   |       | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                   | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=1000<br>Hg(ch)=TVS(Trec)<br>Ni(ac/ch)=TVS                       | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  | Fish Ingestion                         |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><br><b>BASIN: Alamosa River/La Jara Creek/Conejos River</b>  | Desig | Classifications   | NUMERIC STANDARDS  |   |  |   |  |   | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|-------|---|--|---|--|---|--|---|--|
|   |       |   | PHYSICAL and BIOLOGICAL  | INORGANIC mg/l  |  | METALS ug/l   |  |   |  |
| Stream Segment Description  |       |   |  |   |  |   |  |   |  |
| 19. Mainstem of Rio Chama, including all tributaries, wetlands, lakes and reservoirs, from the source to the Colorado New Mexico border except for the specific listing in segment 1.                           |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O.=6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml   | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 20. All tributaries to the Rio Grande, including wetlands, lakes and reservoirs, which are within the Rio Grande National Forest, except for specific listings in segments 1 through 7, 11, 13, 14, 17, and 19. |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 21. All tributaries to the Alamosa River, La Jara Creek, and the Conejos River from the confluence with Fox Creek to the Rio Grande except for the specific listings in segment 22.                             | UP    | Recreation N<br>Agriculture                                   | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=630/100ml                      | CN=0.2<br>NO <sub>2</sub> =100<br>NO <sub>3</sub> =10   | B=0.75   | As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ch)=10(Trec)<br>CrIII(ch)=100(Trec)  | CrVI(ch)=100(Trec)<br>Cu(ch)=200(Trec)<br>Pb(ch)=100(Trec)<br>Mn(ch)=200(Trec)                               | Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec)                        |  |
| 22. All wetlands, lakes, and reservoirs tributary to the Rio Grande except for specific listings in segments 1 through 20.  | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                      | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS                   | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)                    | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><b>BASIN: Closed Basin-San Luis Valley</b><br>Stream Segment Description   | Desig | Classifications   | NUMERIC STANDARDS   |  |  |   |  |   | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|-------|---|---|--|--|---|--|---|--|
|   |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l   |  | METALS ug/l   |  |   |  |
| 1. All tributaries to the Closed Basin, including all wetlands, lakes and reservoirs, which are within the La Garita Wilderness Area.   | OW    | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml    | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 2. Mainstem of La Garita Creek, including all tributaries, wetlands, lakes, and reservoirs, from the source to 38 Road; mainstem of Carnero Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to 42 Road. |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 3. All tributaries to the Closed Basin except for segment 2, segments 4 to 13b.   | UP    | Aq Life Warm 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml                       | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005<br>S=0.002 | B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS            | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS             | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 4. Mainstem of San Luis Creek, including all tributaries, wetlands, lakes and reservoirs, from the source to a point immediately below the confluence with Piney Creek except for segments 8, 9a and 9b.                                  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 5. Mainstem of San Luis Creek from a point immediately below the confluence with Piney Creek to the inlet to San Luis Lake.   |       | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS                     | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=.01(Trec)                     | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 6. San Luis Lake.   |       | Aq Life Cold 1<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                   | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=.01(Trec)<br>Ni(ac/ch)=TVS                     | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS                                 |  |
| 7. Head Lake.   |       | Aq Life Cold 2<br>Recreation E<br>Agriculture                 | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac)=TVS                      | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)                    | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS                |  |

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STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 8<br><b>BASIN: Closed Basin-San Luis Valley</b><br>Stream Segment Description   | Desig | Classifications   | NUMERIC STANDARDS   |   |  |  |   |   | TEMPORARY MODIFICATIONS AND QUALIFIERS                       |
|---|-------|---|---|---|--|--|---|---|--|
|   |       |   | PHYSICAL and BIOLOGICAL   | INORGANIC mg/l  | METALS ug/l  |  |   |   |  |
| 8. Mainstem of Kerber Creek, including all wetlands, tributaries, lakes and reservoirs, from the source to 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. |       | Aq Life Cold 1<br>Recreation E<br>Agriculture                   | D.O.=6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml    | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS   | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS                     | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS                  |  |
| 9a. Mainstem, tributaries and wetlands of Kerber Creek, except for specific listings in segment 8, from the source to immediately above the confluence of Brewery Creek.  | UP    | Recreation E<br>Water Supply*<br>Agriculture*                   | pH = 6.5-9.0<br>E.Coli=126/100ml  |   | S=0.002<br>B=0.75<br>NO <sub>2</sub> =1.0<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS  | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac)=5<br>CrIII(ac)=50<br>CrVI(ac)=50<br>Cu(ch)=1000   | Fe(ch)=WS(dis)<br>Pb(ac)=50<br>Mn(ch)=WS(dis)<br>Hg(ch)=2.0(tot)  | Se(ch)=20<br>Ag(ch)=50<br>Zn(ch)=5000   | *Goal Qualifier: All metals are Trec unless otherwise noted. |
| 9b. Mainstem of Kerber Creek from the confluence with Brewery Creek to the confluence with San Luis Creek.  | UP    | Aq Life Cold 1<br>Recreation E<br>Water Supply*<br>Agriculture* | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br><br>Cd(ac)=e <sup>(0.7852ln[hard]-1.545)</sup><br>Cd(ch)=e <sup>(0.7852ln[hard]-2.906)</sup><br>Cu(ac)=e <sup>(0.8889ln[hard]+0.53)</sup><br>Cu(ch)=e <sup>(0.8889ln[hard]-1.519)</sup><br>Zn(ac)=e <sup>(0.8179ln[hard]+3.757)</sup><br>Zn(ch)=e <sup>(0.8179ln[hard]+2.907)</sup> | Fe(ch)=1000(Trec)<br>Fe(ch)=300(dis)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | *Goal Qualifier: All metals are Trec unless otherwise noted. |
| 10. Sand Creek, mainstem and all tributaries and wetlands, from the source to the mouth. Medano Creek mainstem and all tributaries and wetlands, from the source to the mouth.  | OW    | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture   | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml    | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 11. All tributaries to the Closed Basin within the Rio Grande National Forest boundaries except segments 1, 2, 4, 9, 10, and 12.  |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture   | D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml  | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 12. Mainstem of Saguache Creek from the boundary of the La Garita Wilderness Area to Hwy 285; all tributaries to Saguache Creek, including all wetlands, lakes and reservoirs, from the source to a point immediately below the confluence with Ford Creek, expect for the specific listing in segment 1.       |       | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture   | D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS  | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)  | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |

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**STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS**

| REGION: 8<br><b>BASIN: Closed Basin-San Luis Valley</b><br>Stream Segment Description  | Desig | Classifications   | NUMERIC STANDARDS                                   |  |  |  |  |   | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|--|-------|---|---|--|--|--|--|---|--|
|  |       |   | PHYSICAL and BIOLOGICAL                             | INORGANIC mg/l   |  | METALS ug/l  |  |   |  |
| 13a. Mainstem of Saguache Creek from U.S. Hwy 285 to the confluence with San Luis Creek; mainstem of Russel Creek and mainstem of Cottonwood Creek downstream of the National Forest Boundary. | UP    | Aq Life Warm 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.50<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS |  |
| 13b. North Branch Saguache Creek and all tributaries   | UP    | Aq Life Warm 2<br>Recreation E<br>Water Supply<br>Agriculture | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005<br>S=0.002 | B=0.75<br>NO <sub>2</sub> =0.05<br>NO <sub>3</sub> =10<br>Cl=250<br>SO <sub>4</sub> =WS            | As(ac)=340<br>As(ch)=0.02-10(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS                |  |
| 14. All wetlands tributary to the Closed Basin except for specific listings in segments 1 through 13b.   | UP    | Aq Life Warm 2<br>Recreation E<br>Agriculture                 | D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | NH <sub>3</sub> (ac/ch)=TVS<br>Cl <sub>2</sub> (ac)=0.019<br>Cl <sub>2</sub> (ch)=0.011<br>CN=0.005            | S=0.002<br>B=0.75<br>NO <sub>2</sub> =0.05   | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS                      | Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(Trec)<br>Ni(ac/ch)=TVS                    | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS                                 |  |