# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: SAN JUAN RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1a. Mainstem of the Navajo River including all wetlands and tributaries from the boundary of the South San Juan Wilderness Area to below the confluence with Sheep Creek. Mainstem of the Little Navajo River, including all wetlands and tributaries, from the boundary of the South San Juan Wilderness Area to the San Juan-Chama Diversion. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 1b. Mainstem of the Navajo River, including all wetlands and tributaries from below the confluence with Sheep Creek to the Colorado/New Mexico border, except for specific listings in Segment 3. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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 the Navajo River from the Colorado/New Mexico border to the confluence with the San Juan River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 3. Mainstem of the Little Navajo River from the San Juan-Chama diversion to the confluence with the Navajo River; all tributaries to the Navajo River and the Little Navajo River, including all wetlands, from the San Juan-Chama diversions to the confluence with the San Juan River. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$(ch)=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 4. All tributaries to the San Juan River, Rio Blanco, and Navajo River including all wetlands which are within the Weminuche Wilderness area and South San Juan Wilderness Area. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 5. Mainstem of the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to below the confluence with Fourmile Creek, including all wetlands and tributaries except for wetlands and tributaries included in Segment 4. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 6a. Mainstem of the San Juan River from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation northern boundary. Mainstem of Mill Creek from the source to the confluence with the San Juan River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21 |
| 6b. Mainstem of San Juan River from the Southern Ute Indian Reservation northern boundary to Navajo Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |

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|---|---|---|---|---|---|---|---|---|---|
| 7. Mainstem of the Rio Blanco, including all tributaries and wetlands, from the boundary of the South San Juan Wilderness Area to below the confluence with Leche Creek. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 8. Navajo Reservoir. Echo Canyon Reservoir. | | Aq Life Warm 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 9a. Mainstem of the Rio Blanco, including all tributaries and wetlands, from a point immediately below the confluence with Leche Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 10. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 9b. Mainstem of the Rio Blanco, including all tributaries and wetlands, from the boundary of the Southern Ute Indian Reservation to the confluence with the San Juan River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 10. Mainstem of the Rito Blanco River from Echo Ditch to the confluence with the Rio Blanco River. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1](Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50 (Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 11a. All tributaries to the San Juan River, including wetlands, from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 6a, 6b, 9a and 9b. | | Aq Life Warm 1<br>Agriculture<br>Water Supply<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=1000(Trec)<br>Fe(ch)=WS(dis)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | . |
| 11b. All tributaries to the San Juan River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border except for the specific listings in Segments 6a, 6b, 9a and 9b. | | Aq Life Warm 1<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 12. All tributaries to the San Juan River in Archuleta County, including all wetlands, except for specific listings in Segments 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 9a, 9b, 10, 11a, 11b and 12b. This segment includes Coyote Creek from its source to the Colorado/New Mexico border. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br>May 1 to Oct. 31<br>Recreation P | T=TVS(WS-III) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$(ch)=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |

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|---|---|---|---|---|---|---|---|---|---|
| 13. All lakes and reservoirs that are tributary to the mainstem of the Navajo River and the Little Navajo River, from the boundary of the South San Juan Wilderness Area to the Colorado/New Mexico border, except for specific listings in Segment 14. This segment includes Gardner Lake, Fall View Lake, Hidden Lake, Dolomite Lake, Bull Elk Pond, Price Lakes, and Spence Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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 lakes and reservoirs that are tributary to the Navajo River and the Little Navajo River, from the San Juan-Chama diversions to the confluence with the San Juan River. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 15a. All lakes and reservoirs which are tributary to the Rio Blanco, from the boundary of South San Juan Wilderness Area to the Southern Ute Indian Reservation boundary. This segment includes Harris Lake, Buckles Lake, and Crescent Lake. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 15b. All lakes and reservoirs which are tributary to the Rio Blanco, from the boundary of the Southern Ute Indian Reservation to the confluence with the San Juan River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 16. All lakes and reservoirs which are tributary to the San Juan River, Rio Blanco, and Navajo River and located within the Weminuche Wilderness Area and South San Juan Wilderness Area. This segment includes Archuleta Lake, Spruce Lakes, Turkey Creek Lake, Fourmile Lake, Upper Fourmile Lake, Crater Lake, Quartz Lake, Fish Lake, and Opal Lake. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 17. All lakes and reservoirs that are tributary to the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to the confluence with Fourmile Creek. This segment includes Born Lake, Hatcher Lakes, T Lazy T Reservoir, and Lost Lake. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 18a. All lakes and reservoirs tributary to the San Juan River from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation boundary, except for the specific listings in Segment 8. | | Aq Life Warm 1<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 18b. All lakes and reservoirs which are tributary to the San Juan River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 8. | | Aq Life Warm 1<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: SAN JUAN RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 19. All lakes and reservoirs in Archuleta County which are tributary to the San Juan River, except for specific listings in Segment 18b. All lakes and reservoirs which are tributary to Coyote Creek from its source to the Colorado/New Mexico border. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=100(Trec)<br>CrIII(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: PIEDRA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1. All tributaries to the Piedra River, including all wetlands, which are within the Weminuche Wilderness Area. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 2a. East Fork Piedra River and Middle Fork Piedra River, including all tributaries and wetlands, from the boundary of the Weminuche Wilderness Area to the confluence with the mainstem of the Piedra River, except for the specific listing in Segment 3. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to March 31<br>Recreation N<br><br>April 1 to Oct. 31<br>Recreation E | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to March 31<br>E.Coli=630/100ml<br><br>April 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 2b. Mainstem of the Piedra River from the confluence with the East and Middle Forks to the confluence with Indian Creek. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to March 31<br>Recreation N<br><br>April 1 to Oct. 31<br>Recreation E | T=TVS(CS-II) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to March 31<br>E.Coli=630/100ml<br><br>April 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 3. Mainstem of the East Fork of the Piedra River from the Piedra Falls Ditch to the confluence with Pagosa Creek. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to March 31<br>Recreation N<br><br>April 1 to Oct. 31<br>Recreation E | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to March 31<br>E.Coli=630/100ml<br><br>April to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 4a. Mainstem of the Piedra River from a point immediately below the confluence with Indian Creek to the Southern Ute Indian Reservation boundary. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 4b. Mainstem of the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 5. All tributaries to the Piedra River, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Devil Creek, except for the specific listing in Segment 2a and 3. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: PIEDRA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 6a. All tributaries to the Piedra River, including all wetlands, from a point immediately below the confluence with Devil Creek to Southern Ute Indian Reservation boundary, | UP | Aq Life Warm 2<br>Recreation P<br>Water Supply<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1]<br>(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 6b. All tributaries including wetlands to the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir. | UP | Aq Life Warm 2<br>Recreation P<br>Water Supply<br>Agriculture | T=TVS(WS-III) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.25<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1]<br>(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 7. Hatcher Reservoir, Stevens Reservoir, Sullenbuger Reservoir, Village Lake and Forest Lake. | | Aq Life Warm 1<br>Water Supply<br>Agriculture<br>Dec. 1 to March 1<br>Recreation N<br><br>March 2 to Nov. 30<br>Recreation E | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Dec. 1 to March 1<br>E.Coli=630/100ml<br><br>March 2 to Nov. 30<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.25<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 8. Williams Creek Reservoir. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CLL) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 9. All lakes and reservoirs tributary to the Piedra River which are within the Weminuche Wilderness Area. This segment includes Window Lake, Monument Lake, Hossick Lake, and Williams Lakes. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 10. All lakes and reservoirs which are tributary to the Piedra River, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Devil Creek, except the specific listing in Segment 8. This segment includes Palisade Lake, Martin Lake, and O'Connell Lake. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CL) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 11a. All lakes and reservoirs which are tributary to the Piedra River, from a point immediately below the confluence with Devil Creek to the Southern Ute Indian Reservation boundary. This segment includes Capote Lake. | UP | Aq Life Warm 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Water + Fish Ingestion Standards |
| 11b. All lakes and reservoirs which are tributary to the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir. | UP | Aq Life Warm 2<br>Recreation P<br>Water Supply<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.25<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1]<br>(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LOS PINOS RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1. All tributaries to the Los Pinos River, including all wetlands, which are within the Weminuche Wilderness Area. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 2a. Mainstem of the Los Pinos River from the boundary of the Weminuche Wilderness Area to the boundary of the Southern Ute Indian Reservation except for the specific listing in Segment 3. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 2b. Mainstem of the Los Pinos River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 3. Vallecito Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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. All tributaries to the Los Pinos River and Vallecito Reservoir, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek (T35N, R7W), except for the specific listing in Segment 5; mainstems of Beaver Creek, Ute Creek, and Spring Creek from their sources to the boundary of the Southern Ute Indian Reservation. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 4b. Mainstems of Beaver Creek, Ute Creek and Spring Creek from the boundaries of the Southern Ute Indian Reservation to their confluences with the Los Pinos River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 5. Mainstem of Vallecito Creek from the boundary of the Weminuche Wilderness Area to Vallecito Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 6a. All tributaries to the Los Pinos River, including all wetlands, from a point immediately below the confluence with Bear Creek (T35N, R7W) to the boundary of the Southern Ute Indian Reservation except for specific listings in Segment 4a. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>CN=0.005<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011 | S=0.002<br>B(ch)=0.75<br>$NO_3$(ac)=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/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(tot) | Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LOS PINOS RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 6b. All tributaries to the Los Pinos River, including all wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 4b. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>CN=0.005<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011 | B(ch)=0.75<br>S=0.002<br>$NO_3$(ac)=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/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(tot) | Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 7a. Barker Arroyo and all other tributaries to the San Juan River in La Plata County which join the San Juan River below the Colorado/New Mexico border, except for specific listings in Segments 1, 2a, 2b, 4a, 4b, 4c, 5, 6a, 6b and 7b. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot) | Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 7b. All tributaries to the San Juan River in La Plata County within the Southern Ute Indian Reservation except for specific listings in Segments 2b, 4b and 6b. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot) | Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 8. All lakes and reservoirs tributary to the Los Pinos River which are within the Weminuche Wilderness Area, except for the specific listing in Segment 9. This includes Granite Lake, Divide Lakes, Elk Lake, Flint Lakes, Moon Lake, Rock Lake, Betty Lake, Lost Lake, Hidden Lake, Vallecito Lake, Eldorado Lake, Trinity Lake, Leviathan Lake, Sunlight Lake, Hazel Lake, and Columbine Lake. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot) | Mo(ch)=160(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. Emerald Lake. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot) | Mo(ch)=160(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. All lakes and reservoirs tributary to the Los Pinos River and Vallecito Reservoir from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek (T35N, R7W), except for the specific listing in Segment 3. This segment includes Lake Simpatico. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot) | Mo(ch)=160(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 | |
| 11a. All lakes and reservoirs tributary to the Los Pinos River, from a point immediately below the confluence with Bear Creek (T35N, R7W) to the boundary of the Southern Ute Indian Reservation. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | B(ch)=0.75<br>S=0.002<br>$NO_2$=0.05<br>$NO_3$(ac)=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 11b. All lakes and reservoirs tributary to the Los Pinos River, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. This segment includes Harper Pond. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | B(ch)=0.75<br>S=0.002<br>$NO_2$=0.05<br>$NO_3$(ac)=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1. All tributaries to the Animas River and Florida River, including all wetlands, which are within the Weminuche Wilderness Area. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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 the Animas River, including all tributaries and wetlands, from the outlet of Denver Lake to a point immediately above the confluence with Maggie Gulch, except for specific listings in Segment 6. | UP | Recreation E<br>Agriculture | D.O. = 3.0 mg/l<br>pH = 5.8-9.0<br>E.Coli=126/100ml | CN(ac)=0.2<br>$NO_2$(ac)=10 | B(ch)=0.75<br>$NO_3$(ch)=100 | As(ch)= 100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ch)=10(Trec)<br>CrIII(ch)=100(Trec)<br>The concentration of dissolved aluminum, cadmium, copper, iron, lead,manganese, and zinc that is directed toward maintaining and achieving water quality standards established for segments 3a, 4a and 4b. | CrVI(ch)=100(Trec)<br>Cu(ch)=200(Trec)<br>Pb(ch)=100(Trec)<br>Mo(ch)=160(Trec) | Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec) | |
| 3a. Mainstem of the Animas River, including wetlands, from a point immediately below the confluence with Maggie Gulch to immediately above the confluence with Cement Creek. | | Aq Life Cold 1<br>Recreation E<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_3$=100 | Al(ac/ch)=750(Trec)<br>As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>Standards for Cd, Mn and Zn are listed on Table 1. | CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr) | Aquatic life indicator goal: Brook Trout. |
| 3b. Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Cement Creek to a point immediately above the confluence with Mineral Creek. | UP | Sept. 11 to May 14<br>Recreation N<br><br>May 15 to Sept. 10<br>Recreation E | D.O. = 3.0 mg/l<br>pH = 6.0-9.0<br>Sept. 11 to May 14<br>E.Coli=630/100ml<br><br>May 15 to Sept. 10<br>E.Coli=126/100ml | | | The concentration of dissolved aluminum, cadmium, copper, iron, lead, manganese, and zinc that is directed toward maintaining and achieving water quality standards established for segments 4a and 4b. | | | Temporary Modification<br>Cd(ac/ch) =current condition<br>Cu(ac/ch) = current condition<br>Zn(ac/ch) = current condition<br>Type B<br>Expiration date 12/31/2017. |
| 3c. Arrastra Gulch including all tributaries and wetlands from the source to the confluence with the Animas River. | UP | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS | Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 4a. Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Mineral Creek to a point immediately above the confluence with Deer Park Creek. | UP | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>E.Coli=126/100ml<br>Standards for pH are listed on Table 1. | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_3$=100 | As(ch)=100(Trec)<br>As(ac)=340<br>Cu(ac/ch)=TVS<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS<br>Standards for Al, Fe and Zn are listed on Table 1. | Se(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Ag(ac)=TVS<br>Ag(ch)=TVS(tr) | Aquatic life indicator goal: Brook Trout |
| 4b. Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Deer Park Creek to Bakers Bridge. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | Al(ac/ch)=TVS<br>As(ch)=0.02(Trec)<br>As(ac)=340<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 5a. Mainstem of the Animas River, including wetlands, from Bakers Bridge to the Southern Ute Indian Reservation boundary. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | Al(ac/ch)=TVS<br>As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 5b. Mainstem of the Animas River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | Al(ac/ch)=TVS<br>As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 6. Mainstem of the Animas River from the source to the outlet of Denver Lake. Mainstem, including all tributaries and wetlands of Cinnamon Creek, Grouse Creek, Picayne Gulch, and Minnie Gulch. All tributaries and wetlands to the Animas River from immediately above Maggie Gulch to Elk Park except for those listed under segments 3c, 7, 8 and 9. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 7. Mainstem of Cement Creek, including all tributaries, and wetlands, from the source to the confluence with the Animas River. | UP | Recreation E<br>Agriculture | D.O. = 3.0 mg/l<br>pH = 3.7-9.0<br>E.Coli=126/100ml | CN(ac)=0.2<br>$NO_2$(ac)=10<br>$N0_3$(ac)=100 | B(ch)=0.75 | As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ch)=10(Trec)<br>CrIII(ch)=100(Trec)<br>The concentration of dissolved aluminum, cadmium, copper, iron, lead, manganese, and zinc that is directed toward maintaining and achieving water quality standards established for segments 4a and 4b. | CrVI(ch)=100(Trec)<br>Cu(ch)=200(Trec)<br>Pb(ch)=100(Trec)<br>Mo(ch)=160(Trec) | Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec) | |
| 8. Mainstem of Mineral Creek, including wetlands, from the source to a point immediately above the confluence with South Mineral Creek. All tributaries on the east side of this segment of Mineral Creek including wetlands, except for Big Horn Creek. Mainstem of the Middle Fork of Mineral Creek including all tributaries and wetlands from the source to the confluence with Mineral Creek except for Crystal Lake and its exiting tributary to confluence with Middle Fork of Mineral Creek. | UP | Recreation E<br>Agriculture | D.O. = 3.0 mg/l<br>pH = 4.5 - 9.0<br>E.Coli=126/100ml | CN(ac)=0.2<br>$NO_2$(ac)=10<br>$N0_3$(ac)=100 | B(ch)=0.75 | As(ch)=100(Trec)<br>Be(ch)=100(Trec)<br>Cd(ch)=10(Trec)<br>CrIII(ch)=100(Trec)<br>The concentration of dissolved aluminum, cadmium, copper, iron, lead, manganese, and zinc that is directed toward maintaining and achieving water quality standards established for segments 4a and 4b. | CrVI(ch)=100(Trec)<br>Cu(ch)=200(Trec)<br>Pb(ch)=100(Trec)<br>Mo(ch)=160(Trec) | Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec) | |
| 9. Mainstem of Mineral Creek, including wetlands, from immediately above the confluence with South Mineral Creek to the confluence with the Animas River. | UP | Aq Life Cold 2<br>Recreation E<br>Agriculture<br>Water Supply | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>E.Coli=126/100ml<br>Standards for pH are listed on Table 1. | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ch)= 0.02-10[1] (Trec)<br>As(ac)=340<br>Cd(ac/ch)=TVS(tr)<br>CrIII(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrVI(ac/ch)=TVS<br>Standards for Al, Cu, Fe and Zn are listed on Table 1. | Cu(ac)=TVS<br>Fe(ch)=WS(dis)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot) | Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS | Aquatic Life indicator goal:<br>Macroinvertebrates;<br>Brook Trout corridor |
| 10a. Mainstem of the Florida River from the boundary of the Weminuche Wilderness Area to the inlet of Lemon Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>D.O.=6.0 mg/l<br>D.O.=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/cu)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS<br>Zn (ch)=TVS(sc) | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 10b. Mainstem of the Florida River from the outlet of Lemon Reservoir to the Florida Farmers Canal Headgate. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>D.O.= 6.0 mg/l<br>D.O.= 7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<br>CrVI(ac/ch)=TVS<br>Cu(ac/cu)=TVS | Fe(ch)=WS(dis)<br>Fe(ch)=1000(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS<br>Zn (ch)=TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 11a. Mainstem of the Florida River from the Florida Farmers Canal Headgate to the Southern Ute Indian Reservation boundary. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 11b. Mainstem of the Florida River from the Southern Ute Indian Reservation boundary to the confluence with the Animas River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 12a. All tributaries to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for specific listings in Segments 12b, 12c and 15. All tributaries to the Florida River from the source to below the confluence with Mud Spring Creek, except the specific listing in Segment 1. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 12b. Lemon Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 12c. Hermosa Creek, including all tributaries, from the source to immediately below the confluence with Long Hollow, except for the East Fork of Hermosa Creek. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 12d. Mainstem of Junction Creek, including all tributaries, from the source to the U.S. Forest Boundary. Mainstem of Falls Creek, including all tributaries, from the source to the confluence with the Animas River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 13a. Mainstem of Junction Creek including all tributaries, from the U.S. Forest Boundary to the confluence with Animas River. | | Aq Life Cold 2<br>Recreation E<br>Agriculture<br>Water Supply | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02 (Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Water + Fish Ingestion Standards |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 13b. All tributaries to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 12d, 13a, 14a and 14b; all tributaries to the Florida River, from a point immediately below the confluence with Mud Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 12d. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Water + Fish Standards<br><br>Discharger Specific Variance(2)<br>$NH_3$(ac/ch)=TVS:15 mg/l<br>Expriation date 12/31/2024<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| **(2)** Discharger Specific Variance, Durango West Metro Dist.#2 (COG589115): The first number is the underlying standard previously adopted by the Commission for the segment and represents the long-term goal for the waterbody. The first number will be used for assessing attainment for the waterbody and for the development of effluent limitations. The second number is the Commission's determination of the effluent concentration with the highest degree of protection of the classified use that is feasible for Durango West Metro District. Control requirements, such as discharge permit effluent limitations, shall be established using the first number 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 during the term of the DSV for the named dischargers. | | | | | | | | | |
| 13c. All tributaries to the Animas River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for Segment 11b; all tributaries to the Florida River from the Southern Ute Indian Reservation boundary to the confluence with the Animas River. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Water + Fish Standards. Southern Ute Indian Reservation.<br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 13d. Brice Draw, including all tributaries, from its source to the Southern Ute Indian Reservation Boundary. | | Recreation E<br>Agriculture | D.O. = 3.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | CN(ac)=0.2<br>$NO_2$(ac)=10<br>$N0_3$(ac)=100 | B(ch)=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) | Mo(ch)=160(Trec)<br>Ni(ch)=200(Trec)<br>Se(ch)=20(Trec)<br>Zn(ch)=2000(Trec) | |
| 14a. Mainstem of Lightner Creek, including all tributaries, from the source to below the confluence with Deep Creek. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 14b. Mainstem of Lightner Creek from below the confluence with Deep Creek to the confluence with the Animas River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 15. Mainstem of Purgatory Creek from the source to Cascade Creek; Goulding Creek from the source to Elbert Creek; and Nary Draw from the source to Haviland Lake. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 16. All lakes and reservoirs tributary to the Animas River and Florida River which are within the Weminuche Wilderness Area. This segment includes Lillie Lake, Castilleja Lake, City Reservoir, Emerald Lake, Ruby Lake, Balsam Lake, Garfield Lake, Vestal Lake, Eldorado Lake, Highland Mary Lakes, Verde Lakes, Lost Lake, and Crater Lake. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 17. All lakes tributary to Arrastra Gulch from the source to the confluence with the Animas River. This segment includes Silver Lake. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS | Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 18. All lakes and reservoirs tributary to Cinnamon Creek, Grouse Creek, Picayne Gulch, Minnie Gulch and Eureka Gulch. All lakes and reservoirs tributary to the Animas River from immediately above Maggie Gulch to Elk Park except for those listed under Segments 16, 17,19, and 20. This segment includes Molas Lake, Bullion King Lake, Columbine Lake, Clear Lake, Island Lake, Ice Lake, Fuller Lake and Crystal Lake. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 19. All lakes and reservoirs tributary to Cement Creek from the source to the confluence with the Animas River. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS | Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 20. All lakes and reservoirs on the east side of Mineral Creek from the source to a point immediately above the confluence with South Mineral Creek. All lakes and reservoirs tributary to the Middle Fork of Mineral Creek from the source to the confluence with Mineral Creek except for the specific listings in Segment 18. | | Aq Life Cold 2<br>Recreation E<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS | Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 21. All lakes and reservoirs tributary to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for the specific listing in Segment 12b. All lakes and reservoirs tributary to the Florida River from the source to the outlet of Lemon Reservoir, except the specific listing in Segment 16. This segment includes Little Molas Lake, Andrews Lake, Potato Lake, Scout Lake, Boyce Lake, Columbine Lake, Haviland Lake, Henderson Lake, Ruby Lake, Pear Lake, Webb Lake, Shalona Lake, Stratton Lake, and Wallace Lake. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 22. Electra Lake. Lake Nighthorse. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 23. All lakes and reservoirs tributary to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 13a and 14; all lakes and reservoirs tributary to the Florida River, from the outlet of Lemon Reservoir to the Southern Ute Indian Reservation boundary. This segment includes Chapman Lake and City Res No 1. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Water + Fish Standards |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: ANIMAS AND FLORIDA RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 24. All lakes and reservoirs tributary to the Animas River, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. This segment includes Pastorius Reservoir. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) $^{o}$C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | Water + Fish Standards. Southern Ute Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LA PLATA RIVER, MANCOS RIVER, McELMO CREEK, AND SAN JUAN RIVER IN MONTEZUMA COUNTY AND DOLORES COUNTY**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1. Mainstem of the La Plata River, including all wetlands and tributaries from the source to the Hay Gulch diversion south of Hesperus. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 2a. Mainstem of the La Plata River from the Hay Gulch diversion south of Hesperus to the boundary of Southern Ute Indian Reservation. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CS-II) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS(tr)<br>Cd(ch)=TVS<br>CrIII(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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 2b. Mainstem of the La Plata River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border. | | Aq Life Warm 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation P<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WS-II) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br><br>E.Coli=205/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 3a. All tributaries to the La Plata River, including all wetlands, from the Hay Gulch diversions south of Hesperus to the Southern Ute Indian Reservation boundary, except for specific listing in Segment 3c. | UP | Aq Life Warm 2<br>Recreation N<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=630/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 3b. All tributaries to the La Plata River, including all wetlands, from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border. | UP | Aq Life Warm 2<br>Recreation N<br>Agriculture<br>Water Supply | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=630/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1]<br>(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation. |
| 3c. Cherry Creek, including all tributaries and wetlands, from the source to the boundary of the Southern Ute Indian Reservation boundary. | | Aq Life Cold 1<br>Recreation E<br>Agriculture<br>Water Supply | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 4a. Mainstem of the Mancos River, including all wetlands and tributaries, from the source of the East, West and Middle Forks to the San Juan National Forest Boundary. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LA PLATA RIVER, MANCOS RIVER, McELMO CREEK, AND SAN JUAN RIVER IN MONTEZUMA COUNTY AND DOLORES COUNTY**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 4b. Mancos Reservoir (Jackson Gulch Reservoir). | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Recreation E | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 4c. Mainstem of the Mancos River, including all wetlands, tributaries, from below the San Juan National Forest Boundary to Hwy 160. Chicken Creek, including all tributaries, from its source to the confluence with the Mancos River. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CS-II) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 5a. Mainstem of the Mancos River from Hwy 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of Weber Canyon from source to confluence with Mancos River. | | Aq Life Warm 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br>May 1 to Oct. 31<br>Recreation E | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 5b. Mainstem of the Mancos River from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border. | | Aq Life Warm 1<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 6a. All tributaries to the Mancos River, including all wetlands, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation, except for specific listings in segment 4c, 5a and 6c. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WS-II) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 6b. All tributaries to the Mancos River, including all wetlands, from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WS-II) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 6c. All tributaries to the Mancos River located in Mesa Verde National Park. | OW | Aq Life Warm 1<br>Agriculture<br>Recreation E | T=TVS(WS-III) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LA PLATA RIVER, MANCOS RIVER, McELMO CREEK, AND SAN JUAN RIVER IN MONTEZUMA COUNTY AND DOLORES COUNTY**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 7a. Mainstem of McElmo Creek from the source to the Colorado/Utah border, except for the specific listings in Segment 7b. Mainstem of Yellow Jacket Creek, including all tributaries and wetlands, from the source to the confluence with McElmo Creek. | | Aq Life Warm 1<br>Recreation E<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=2200(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Temporary Modifications:<br>$NH_3$(ac)=old TVS,<br>$NH_3$(ch)=0.06(type A)<br>Expiration date of 6/30/2016. |
| 7b. Mainstem of McElmo Creek within the Ute Mountain Indian Reservation. | | Aq Life Warm 1<br>Recreation E<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=1000<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 8a. All tributaries to McElmo Creek, including all wetlands, from the source to the Colorado/Utah border, except for specific listings in Segments 7a, 8b, 8c and 11. | UP | Aq Life Warm 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02-10[1]<br>(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/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<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 8b. All tributaries to McElmo Creek, including all wetlands, within the Ute Mountain Indian Reservation. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 8c. Unnamed tributary to Ritter Draw (confluence at 37.40216,-108.54582). | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WS-III) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Temporary Modifcation:<br>$NH_3$=current conditions<br><br>Type A<br>Expiration date<br>6/30/2016. |
| 9. Mainstem of the San Juan River in Montezuma County. | | Aq Life Warm 1<br>Recreation E<br>Agriculture | T=TVS(WS-II) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.5<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=2200(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 10a. All tributaries to the San Juan River in Montezuma Dolores and San Miguel Counties, including all wetlands, except for the specific listings in Segments 2 through 8c and Segments 10b and 11. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WS-III) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$(ch)=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 10b. All tributaries to the San Juan River in Montezuma County within the Ute Mountain Indian Reservation, including all wetlands, except for the specific listings in Segments 2 through 8c. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WS-III) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$(ch)=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>CrIII(ch)=100(Trec)<br>Cd(ac/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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LA PLATA RIVER, MANCOS RIVER, McELMO CREEK, AND SAN JUAN RIVER IN MONTEZUMA COUNTY AND DOLORES COUNTY**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 11. Narraguinnep, Puett and Totten Reservoirs. | | Aq Life Warm 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.5<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 12. All lakes and reservoirs tributary to the La Plata River from the source to the Hay Gulch diversion south of Hesperus. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 13. All lakes and reservoirs tributary to the La Plata River from the Hay Gulch diversions south of Hesperus to the Southern Ute Indian Reservation boundary. | UP | Aq Life Warm 2<br>Recreation P<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 14. All lakes and reservoirs tributary to the La Plata River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border. The segment includes Mormon Reservoir. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Southern Ute Indian Reservation.<br><br>Fish Ingestion Standards |
| 15. All lakes and reservoirs tributary to the Mancos River from the source of the East, West and Middle Forks to Hwy 160, except for the specific listing in Segment 4b. This segment includes Weber Reservoir, Bauer Lake, Little Bauer Reservoir, Hackley Reservoir, Joe Moore Reservoir, and Coppinger Reservoir. | | Aq Life Cold 1<br>Water Supply<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CL) °C<br>D.O. = 6.0 mg/l<br>D.O. (sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 16. All lakes and reservoirs tributary to the Mancos River, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WL) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 17. All lakes and reservoirs tributary to the Mancos River, from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border. | | Aq Life Warm 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation P | T=TVS(WL) °C<br>D.O.=5.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=205/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Fe(ch)=1000(Trec)<br>Mn(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 18. All lakes and reservoirs tributary to Yellow Jacket Creek, from the source to the confluence with McElmo Creek. | | Aq Life Warm 1<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH = 6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS<br>Cu(ac/ch)=TVS | Fe(ch)=2200(Trec)<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: LA PLATA RIVER, MANCOS RIVER, McELMO CREEK, AND SAN JUAN RIVER IN MONTEZUMA COUNTY AND DOLORES COUNTY**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 19. All lakes and reservoirs tributary to McElmo Creek from the source to the Colorado/Utah border, except for specific listings in Segments 20. This segment includes Denny Lake. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 20. All lakes and reservoirs tributary to McElmo Creek within the Ute Mountain Indian Reservation. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=100 | As(ac)=340<br>As(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |
| 21. All lakes and reservoirs tributary to the San Juan River in Montezuma Dolores and San Miguel Counties except for the specific listings in Segments 4b, and 11 through 20. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 22. All lakes and reservoirs tributary to the San Juan River in Montezuma County within the Ute Mountain Indian Reservation except for the specific listings in Segments 17 and 20 and 21. | UP | Aq Life Warm 2<br>Recreation E<br>Agriculture | T=TVS(WL) °C<br>D.O. = 5.0 mg/l<br>pH=6.5-9.0<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B(ch)=0.75<br>$NO_3$=100 | As(ac)=340<br>As(ch)=7.6(Trec)<br>Be(ch)=100(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac/ch)=TVS<br>CrIII(ch)=100(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(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | Ute Mountain Indian Reservation. |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: DOLORES RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 1. All tributaries to the Dolores River and West Dolores River, including all wetlands, tributaries, which are within the Lizard Head Wilderness area. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 2. Mainstem of the Dolores River from the source to a point immediately above the confluence with Horse Creek. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 3. Mainstem of the Dolores River from a point immediately above the confluence with Horse Creek to a point immediately above the confluence with Bear Creek. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac)=TVS<br>Cd(ch)=TVS<br>CrIII(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(ac/ch)=TVS<br>Mn(ch)=255<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec)<br>Ni(ac/ch)=TVS | Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac/ch)=TVS | |
| 4a. Mainstem of the Dolores River from a point immediately above the confluence with Bear Creek to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line). | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-II) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 4b. McPhee Reservoir and Summit Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |
| 5a. All tributaries to the Dolores River and West Dolores River, including all wetlands, from the source to a point immediately below the confluence with the West Dolores River except for specific listings in Segments 1 and 5b through 10; mainstem of Beaver Creek (including Plateau Creek) from the source to the confluence with the Dolores River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Chronic zinc sculpin standard applies to Silver Creek and Fish Creek. |
| 5b. Mainstem of Rio Lado from the source to the confluence with the Dolores River. Mainstem of Spring Creek from the source to the confluence with Stoner Creek. Mainstem of Little Taylor Creek from the source to the confluence with Taylor Creek. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 6. Mainstem of the Slate Creek and Coke Oven Creek, from the Lizard Head Wilderness Area boundary to their confluences with the Dolores River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=WS | As(ac)=340<br>As(ch)=0.02(Trec)<br>Cd(ac/ch)=TVS<br>CrIII(ac)=50(Trec)<br>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac/ch)=TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: DOLORES RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 7. Mainstem of Coal Creek from the boundary of the Lizard Head Wilderness Area to the confluence with the Dolores River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | |
| 8. Mainstem of Horse Creek from the source to the confluence with the Dolores River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 9. Mainstem of Silver Creek from a point immediately below the Town of Rico's water supply diversion to the confluence with the Dolores River. | | Aq Life Cold 2<br>Agriculture<br>Nov. 1 to April 30<br>Recreation N<br><br>May 1 to Oct. 31<br>Recreation E | T=TVS(CS-I) °C<br>D.O. = 6.0 mg/l<br>D.O.(sp)=7.0 mg/l<br>pH = 6.5-9.0<br>Nov. 1 to April 30<br>E.Coli=630/100ml<br><br>May 1 to Oct. 31<br>E.Coli=126/100ml | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=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>CrIII(ch)=100(Trec)<br>CrVI(ac/ch)=TVS | Cu(ac/ch)=TVS<br>Pb(ac/ch)=TVS<br>Mn(ac/ch)=TVS<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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 |
| 10. Mainstem of the West Dolores River from the Lizard Head Wilderness Area boundary to the confluence with the Dolores River. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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)=50(dis)<br>Mn(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(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 Dolores River, including all wetlands, from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segments 4 and 5. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CS-I) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac)=TVS<br>Zn(ch)= TVS(sc) | Water + Fish Standards<br><br>Temporary modification:<br>As(ch)=hybrid<br>Expiration date of 12/31/21. |
| 12. All lakes, and reservoirs tributary to the Dolores River and West Dolores River, which are within the Lizard Head Wilderness area. This segment includes Navajo Lake. | OW | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 13. Groundhog Reservoir. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CLL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |
| 14. All lakes and reservoirs tributary to the Dolores River and West Dolores River, from the source to a point immediately below the confluence with the West Dolores River except for specific listings in Segments 12 and 13. | | Aq Life Cold 1<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) °C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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(ac/ch)=TVS<br>Mn(ch)=WS(dis)<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac)=TVS<br>Ag(ch)=TVS(tr)<br>Zn(ac)=TVS<br>Zn(ch)= TVS | |

# STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS

| REGION: 9<br>**BASIN: DOLORES RIVER**<br>Stream Segment Description | Desig | Classifications | NUMERIC STANDARDS<br>PHYSICAL and BIOLOGICAL | INORGANIC mg/l | | METALS ug/l | | | TEMPORARY MODIFICATIONS AND QUALIFIERS |
|---|---|---|---|---|---|---|---|---|---|
| 15. All lakes and reservoirs which are tributary to the Dolores River from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segment 4b. This segment includes Campbell Reservoir, Summers Reservoir, Red Lake, and Long Draw Reservoir. | | Aq Life Cold 2<br>Recreation E<br>Water Supply<br>Agriculture | T=TVS(CL) $^{o}$C<br>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 | $NH_3$(ac/ch)=TVS<br>$Cl_2$(ac)=0.019<br>$Cl_2$(ch)=0.011<br>CN=0.005 | S=0.002<br>B=0.75<br>$NO_2$=0.05<br>$NO_3$=10<br>Cl=250<br>$SO_4$=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>CrIII(ch)=TVS<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<br>Hg(ch)=0.01(tot)<br>Mo(ch)=160(Trec) | Ni(ac/ch)=TVS<br>Se(ac/ch)=TVS<br>Ag(ac/ch)=TVS<br>Zn(ac)=TVS<br>Zn(ch)= TVS | Water + Fish Standards |

## STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS – FOOTNOTES

(1) 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.

**34.6(4)**

TABLE 1

ANIMAS RIVER BASIN
AQUATIC LIFE INDICATOR GOAL: BROOK TROUT

Segment 3a
Acute Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zn | 720 | 780 | 1060 | 1200 | 760 | 410 | 280 | 340 | 380 | 440 | 510 | 590 |

Chronic Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cd | TVS | TVS | TVS | 3.5 | 2.2 | TVS | TVS | TVS | TVS | TVS | TVS | TVS |
| Mn | TVS | TVS | 2571 | 2179 | TVS | TVS | TVS | TVS | TVS | TVS | TVS | TVS |
| Zn | 720 | 780 | 1060 | 1200 | 760 | 410 | 280 | 340 | 380 | 440 | 510 | 590 |

**34.6(4)**

Segment 4a

Acute Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al(Trec) | 3100 | 3550 | 2800 | 2020 | 1010 | 740 | 700 | 1360 | 1490 | 1610 | 2280 | 2570 |
| Zn | 460 | 520 | 620 | 570 | 430 | 250 | 170 | 240 | 290 | 340 | 380 | 420 |

Chronic Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 5.9-9.0 | 5.7-9.0 | 6.2-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 5.9-9.0 |
| Al(Trec) | 3100 | 3550 | 2800 | 2020 | 1010 | 740 | 700 | 1360 | 1490 | 1610 | 2280 | 2570 |
| Fe | 3473 | 2961 | 3776 | 3404 | 2015 | 1220 | 1286 | 1830 | 1623 | 2258 | 2631 | 3511 |
| Zn | 460 | 520 | 620 | 570 | 430 | 250 | 170 | 240 | 290 | 340 | 380 | 420 |

**34.6(4)**

Segment 9

Acute Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al(Trec) | 4680 | 4950 | 4560 | 3800 | 1390 | 1350 | 1290 | 2040 | 2570 | 2680 | 3450 | 4050 |

Chronic Standards

| | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 4.9-9.0 | 4.8-9.0 | 4.9-9.0 | 5.9-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.5-9.0 | 6.2-9.0 | 5.4-9.0 |
| Al(Trec) | 4680 | 4950 | 4560 | 3800 | 1390 | 1350 | 1290 | 2040 | 2570 | 2680 | 3450 | 4050 |
| Cu | TVS | TVS | TVS | 18 | 20 | TVS | TVS | TVS | TVS | TVS | TVS | TVS |
| Fe | 3420 | 3800 | 4370 | 3370 | 3150 | 2210 | 2275 | 2280 | 3020 | 3580 | 3620 | 3490 |
| Zn | TVS | TVS | TVS | TVS | 230 | TVS | TVS | TVS | TVS | TVS | TVS | TVS |