| Location | Animas @ 32nd Bridge | Animas @ Lightner Creek | Animas @ Purple Cliffs | Bakers Bridge (4 samples) | | | Bakers Bridge (2 samples) | |
|---|---|---|---|---|---|---|---|---|
| | Single Value | Single Value | Single Value | Average | Min | Max | Average (Fall Only) | Min (Fall Only) |
| Aluminum | 5210 | 4710 | 4470 | 20,025 | 7360 | 37,400 | 22720 | 8040 |
| Antimony | 644 | 772 | 494 | 1003 | 863 | 1100 | 967 | 863 |
| Arsenic | 8710 | 10,300 | 6840 | 21,925 | 15,900 | 29,700 | 22,950 | 16,200 |
| Barium | 78,500 | 153,000 | 163,000 | 161,250 | 119,000 | 216,000 | 146,000 | 119,000 |
| Beryllium | 2.03 | 2.01 | 1.98 | 3.08 | 1.98 | 4.85 | 3.42 | 1.99 |
| Cadmium | 2100 | 3200 | 1100 | 10,073 | 2460 | 18,600 | 11,615 | 4630 |
| Calcium | 2740 | 71,200 | 32,700 | 7035 | 4070 | 11,500 | 5065 | 4070 |
| Chromium | 4440 | 5380 | 4190 | 5,403 | 4280 | 7380 | 4975 | 4740 |
| Cobalt | 8730 | 7440 | 5150 | 34,350 | 9700 | 60,500 | 38,850 | 17,200 |
| Copper | 55,000 | 41,300 | 19,000 | 101,839 | 357 | 199,000 | 46,179 | 357 |
| Iron | 15,300 | 17,800 | 14,600 | 46,475 | 27200 | 68,400 | 47,800 | 27,200 |
| Lead | 186,000 | 92,400 | 35,500 | 205,095 | 378 | 328,000 | 122,189 | 378 |
| Magnesium | 2970 | 6550 | 6250 | 4040 | 3220 | 5760 | 3590 | 3540 |
| Manganese | 2220 | 1150 | 399 | 7425 | 2130 | 13,100 | 7235 | 3970 |
| Mercury | 0.02 | 0.04 | 0.04 | 0.041 | 0.02 | 0.06 | 0.04 | 0.02 |
| Nickel | 9770 | 19,500 | 10,700 | 18,265 | 7360 | 31,600 | 21,850 | 12,100 |
| Potassium | 523 | 708 | 723 | 896 | 741 | 1040 | 891 | 741 |
| Selenium | 1020 | 1180 | 989 | 1438 | 496 | 3100 | 2049 | 997 |
| Silver | 1210 | 569 | 494 | 1285 | 1020 | 1710 | 1365 | 1020 |
| Sodium | 254 | 252 | 247 | 249 | 248 | 250 | 249 | 249 |
| Strontium | 23.8 | 260 | 121 | 64.7 | 39.6 | 88.2 | 63.9 | 39.6 |
| Thallium | 508 | 504 | 494 | 499 | 496 | 500 | 499 | 499 |
| Vanadium | 11,300 | 19,900 | 13,300 | 17,250 | 15,000 | 19,800 | 17,400 | 15,000 |
| Zinc | 810 | 529 | 157 | 4620 | 1700 | 8670 | 5185 | 1700 |

Non-Detect or impacted by non-detects. Detection limit is shown.

NA Not analyzed

Bakers Bridge had 2 fall samples and 2 potential runoff samples (May and April). There was not an obvious differen

A72 had 5 overall samples and 2 fall samples

| Bridge (2 samples) | James Ranch | Animas Near Durango | A72 Animas River below Silverton (5 samples) | | | A72 Animas River below Silverton (2 samples) | | |
|---|---|---|---|---|---|---|---|---|
| Max (Fall Only) | Single Value | Average | Average | Min | Max | Average (Fall Only) | Min (Fall Only) | Max (Fall Only) |
| 37,400 | 10,600 | 9,003 | 14872 | 9960 | 21500 | 15,730 | 9960 | 21,500 |
| 1070 | 927 | 768 | 1160 | 727 | 1570 | 1270 | 1150 | 1390 |
| 29,700 | 18,900 | 13,335 | 33360 | 26100 | 40600 | 31,550 | 26,800 | 36,300 |
| 173,000 | 128,000 | 136,750 | 119640 | 93200 | 146000 | 119,600 | 93,200 | 146,000 |
| 4.85 | 2.02 | 2.22 | 1.99 | 1.97 | 2.03 | 2.02 | 2 | 2.03 |
| 18,600 | 4970 | 4289 | 2098 | 1150 | 3030 | 2420 | 1810 | 3030 |
| 6060 | 3830 | 23,501 | 2634 | 1830 | 3750 | 2860 | 1970 | 3750 |
| 5210 | 4830 | 4849 | 4604 | 3010 | 6410 | 3530 | 3010 | 4050 |
| 60,500 | 17,800 | 14,694 | 11616 | 8470 | 15600 | 12,100 | 10,600 | 13,600 |
| 46,179 | 108,000 | 65,028 | 101,596 | 179 | 152,000 | 66,590 | 179 | 133,000 |
| 68,400 | 29,900 | 24,815 | 55,360 | 42000 | 74,600 | 49,450 | 42000 | 56,900 |
| 122,189 | 290,000 | 161,799 | 253,825 | 542 | 499,000 | 249,771 | 542 | 499,000 |
| 3590 | 3840 | 4730 | 4382 | 3580 | 5160 | 4370 | 3580 | 5160 |
| 10,500 | 4250 | 3089 | 2100 | 1210 | 3400 | 2435 | 1470 | 3400 |
| 0.06 | 0.04 | 0.036 | 0.055 | 0.039 | 0.072 | 0.055 | 0.05 | 0.06 |
| 31,600 | 11,900 | 14,027 | 5142 | 4330 | 6380 | 5060 | 4790 | 5330 |
| 1040 | 839 | 738 | 763 | 521 | 1190 | 856 | 521 | 1190 |
| 3100 | 1010 | 1127 | 1394 | 1020 | 2030 | 1425 | 1020 | 1830 |
| 1710 | 1260 | 964 | 1912 | 1300 | 2760 | 2295 | 1830 | 2760 |
| 249 | 252 | 251 | 249 | 246 | 254 | 252 | 250 | 254 |
| 88.2 | 39.1 | 102 | 49.6 | 38.1 | 72.2 | 56.4 | 40.6 | 72.2 |
| 499 | 504 | 502 | 718 | 494 | 1590 | 504 | 500 | 508 |
| 19,800 | 15,500 | 15,450 | 21,680 | 16,400 | 26,000 | 18,500 | 16,400 | 20,600 |
| 8670 | 1730 | 1569 | 651 | 386 | 858 | 752 | 646 | 858 |

ce in sediment quality between fall and spring.