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)
Aluminum (mg/kg)	5210	4710	4470	20,025	7360	37,400	22,720
Antimony (µg/L)	0.644	0.772	0.494	1.00	0.863	1.1	0.967
Arsenic (µg/L)	8.71	10.3	6.84	21.9	15.9	29.7	23.0
Barium (µg/L)	78.5	153	163	161	119	216	146
Beryllium (mg/kg)	2.03	2.01	1.98	3.08	1.98	4.85	3.42
Cadmium (µg/L)	2.1	3.2	1.1	10.1	2.46	18.6	11.6
Calcium (mg/kg)	2740	71,200	32,700	7035	4070	11,500	5065
Chromium (µg/L)	4.44	5.38	4.19	5.40	4.28	7.38	4.98
Cobalt (µg/L)	8.73	7.44	5.15	34.4	9.7	60.5	38.9
Copper (µg/L)	55	41.3	19	191	92	357	225
Iron (mg/kg)	15,300	17,800	14,600	46,475	27,200	68,400	47,800
Lead (µg/L)	186	92.4	35.5	300	244	378	311
Magnesium (mg/kg)	2970	6550	6250	4040	3220	5760	3590
Manganese (mg/kg)	2220	1150	399	7425	2130	13,100	7235
Mercury (µg/L)	0.02	0.04	0.04	0.041	0.02	0.06	0.04
Nickel (µg/L)	9.77	19.5	10.7	18.3	7.36	31.6	21.9
Potassium (mg/kg)	523	708	723	896	741	1040	891
Selenium (µg/L)	1.02	1.18	0.989	1.44	0.496	3.1	2.05
Silver (µg/L)	1.21	0.569	0.494	1.29	1.02	1.71	1.37
Sodium (mg/kg)	254	252	247	249	248	250	249
Strontium (mg/kg)	23.8	260	121	64.7	39.6	88.2	63.9
Thallium (µg/L)	0.508	0.504	0.494	0.499	0.496	0.5	0.499
Vanadium (µg/L)	11.3	19.9	13.3	17.3	15	19.8	17.4
Zinc (mg/kg)	810	529	157	4620	1700	8670	5185

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

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

Concentrations are shown in milligrams per kilogram (mg/kg) dry weight

Bakers Bridge (2 samples)		James Ranch	Animas Near Durango	A72 Animas River below Silverton (5 samples)			A72 Animas River below Silverton (2 samples)	
Min (Fall Only)	Max (Fall Only)	Single Value	Average	Average	Min	Max	Average (Fall Only)	Min (Fall Only)
8040	37,400	10,600	9000	14,872	9960	21,500	15,730	9960
0.863	1.07	0.927	0.768	1.16	0.727	1.57	1.27	1.15
16.2	29.7	18.9	13.3	33.4	26.1	40.6	31.55	26.8
119	173	128	137	120	93.2	146	119.6	93.2
1.99	4.85	2.02	2.22	1.99	1.97	2.03	2.015	2
4.63	18.6	4.97	4.29	2.10	1.15	3.03	2.42	1.81
4070	6060	3830	23,500	2634	1830	3750	2860	1970
4.74	5.21	4.83	4.85	4.60	3.01	6.41	3.53	3.01
17.2	60.5	17.8	14.7	11.6	8.47	15.6	12.1	10.6
92	357	108	82.9	137	77.8	179	156	133
27,200	68,400	29,900	24,800	55,360	42,000	74,600	49,450	42,000
244	378	290	181	478.2	299	581	521	499
3540	3590	3840	4730	4382	3580	5160	4370	3580
3970	10,500	4250	3090	2100	1210	3400	2435	1470
0.02	0.06	0.04	0.0362	0.0553	0.039	0.072	0.055	0.05
12.1	31.6	11.9	14.0	5.14	4.33	6.38	5.06	4.79
741	1040	839	738	763	521	1190	856	521
0.997	3.1	1.01	1.13	1.39	1.02	2.03	1.43	1.02
1.02	1.71	1.26	0.964	1.91	1.3	2.76	2.295	1.83
249	249	252	250.8	249	246	254	252	250
39.6	88.2	39.1	102	49.6	38.1	72.2	56.4	40.6
0.499	0.499	0.504	0.502	0.718	0.494	1.59	0.504	0.5
15	19.8	15.5	15.5	21.7	16.4	26	18.5	16.4
1700	8670	1730	1569	651	386	858	752	646

ce in sediment quality between fall and spring.

s River below Silverton (2 samples)
Max (Fall Only)
21,500
1.39
36.3
146
2.03
3.03
3750
4.05
13.6
179
56,900
542
5160
3400
0.06
5.33
1190
1.83
2.76
254
72.2
0.508
20.6
858