

Animas River at Baker's Bridge

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	N	Min	Avg	Max	SD	N	Min	Avg	Max	SD	N	Min	Avg	Max	SD
Aluminum, Filter .45	207	25.00	68.02	1,235	125	8	25.00	60.23	110	34.48	15	25.00	42.83	88.56	16.49
Aluminum, Unfiltered	218	24.00	841	7,453	723	8	158	515	940	286	15	233	755	2,986	745
Ammonia, Unfiltered	139	45.00	48.09	160	12.48	4	45.00	45.00	45.00	0.00	15	45.00	45.00	45.00	0.00
Arsenic, Filter .45	228	10.00	11.04	208	13.24	4	10.00	11.10	14.40	2.20	15	10.00	12.14	27.48	4.45
Arsenic, Unfiltered	227	10.00	13.07	245	19.83	4	10.00	10.00	10.00	0.00	15	10.00	12.38	21.70	3.24
Cadmium, Filter .45	225	0.60	0.65	1.11	0.11	4	0.60	0.60	0.60	0.00	15	0.60	1.12	6.98	1.64
Cadmium, Unfiltered	194	0.60	0.73	2.78	0.23	1	0.60	0.60	0.60		15	0.60	1.01	3.41	0.77
Calcium, Filter .45	194	5,404	40,138	106,548	16,220	4	39,400	53,052	58,000	9,109	15	13,882	30,402	56,045	14,083
Calcium, Unfiltered	177	5,839	42,426	163,182	18,452	6	30,400	41,355	62,122	11,568	15	12,855	22,382	36,305	8,235
Copper, Filter .45	178	5.70	5.92	15.00	1.07	4	5.70	5.70	5.70	0.00	15	5.70	7.27	29.20	6.07
Copper, Unfiltered	183	5.70	11.70	136	11.16	1	5.70	5.70	5.70		15	5.70	9.62	33.74	8.11
Dissolved Organic Carbon						9	568	673	827	87.67	15	850	2,033	3,966	998
Iron, Filter .45	215	28.00	71.80	1,617	183	8	28.00	31.07	52.58	8.69	15	28.00	38.28	87.12	19.23
Iron, Unfiltered	225	17.00	1,271	6,410	1,094	8	152	617	1,448	437	15	266	2,009	11,359	3,094
Lead, Filter .45	228	5.03	5.09	18.00	0.86	8	5.03	5.03	5.03	0.00	15	5.03	6.00	13.08	2.27
Lead, Unfiltered	219	5.03	9.20	350	24.53	8	5.03	5.03	5.03	0.00	15	5.03	14.11	73.68	19.38
Magnesium, Filter .45	194	363	4,829	50,925	3,767	4	4,560	5,450	5,940	628	15	1,774	4,060	7,510	1,964
Magnesium, Unfiltered	177	404	5,231	65,976	4,946	6	3,290	4,633	7,700	1,765	15	2,160	4,910	8,670	2,003
Manganese, Filter .45	228	7.50	374	986	199	8	245	350	550	102	15	70.25	221	389	99.95
Manganese, Unfiltered	219	46.60	470	7,313	522	8	254	377	658	135	15	164	402	1,440	322
Mercury, Unfiltered	2	0.08	0.08	0.08	0.00	4	0.08	0.08	0.08	0.00	15	0.08	0.08	0.08	0.00
Molybdenum, Filter .45	12	1.24	6.23	10.60	3.98	3	1.24	1.65	2.23	0.51	15	1.24	3.12	22.87	5.50
Molybdenum, Unfiltered	11	1.24	5.64	10.20	3.63	3	1.24	1.37	1.64	0.23	15	1.24	1.51	3.09	0.59
Nitrate/Nitrite as N, Unfiltered	144	20.00	185	6,000	505	8	58.00	82.44	149	36.75	15	54.00	88.60	174	29.18
Phosphate (PO4), Unfiltered	6	10.00	19.67	42.00	12.47	1	10.00	10.00	10.00		15	10.00	10.00	10.00	0.00

Animas River at Baker's Bridge

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Phosphorus, Unfiltered	101	11.00	34.51	912	90.78	7	11.00	11.86	15.00	1.57	15	11.00	115	954	252
Potassium, Filter .45	123	200	739	2,628	294	4	713	936	1,056	155	15	412	683	1,727	336
Potassium, Unfiltered	119	200	996	25,063	2,240	2	900	986	1,073	123	15	400	691	930	144
Selenium, Filter .45	228	8.23	8.52	48.70	3.08	4	8.23	8.63	9.80	0.78	15	8.23	8.97	18.66	2.68
Selenium, Unfiltered	219	8.23	9.28	158	10.56	1	9.30	9.30	9.30		15	8.23	8.50	10.96	0.74
Sulfate, Unfiltered	165	5,800	98,221	1,020,000	96,909	5	130,000	149,223	170,000	16,506	15	20,540	55,780	107,569	31,295
Total Kjeldahl nitrogen, Unfiltered						4	133	133	133	0.00	15	67.40	148	744	203
Total Nitrogen (calc), Unfiltered						8	72.70	154	212	53.96	15	121	236	810	201
Total Suspended Solids, Unfiltered	163	0.00	14,199	724,100	57,351	1	9,400	9,400	9,400		14	0.00	26,629	145,000	39,236
Zinc, Filter .45	228	5.00	136	373	72.66	4	131	220	464	163	15	8.68	98.55	404	93.04
Zinc, Unfiltered	219	5.40	211	619	87.20	1	583	583	583		15	87.03	177	438	99.11

Hermosa Creek above CR 203

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Aluminum, Filter .45	65	25.00	26.98	147	15.14	12	25.00	113	321	92.61	15	25.00	46.78	210	54.59
Aluminum, Unfiltered	65	24.00	99.45	1,009	200	13	144	418,053	2,560,000	866,942	15	24.00	120,633	1,520,000	390,025
Ammonia, Unfiltered	61	45.00	47.70	90.00	8.74	4	45.00	309	1,100	528	15	45.00	234	1,100	367
Arsenic, Filter .45	65	10.00	10.00	10.00	0.00	4	10.00	10.61	12.43	1.21	15	10.00	16.33	27.27	6.55
Arsenic, Unfiltered	65	10.00	10.00	10.00	0.00	4	10.00	18.21	31.00	10.19	15	10.00	32.30	110	35.14
Cadmium, Filter .45	65	0.60	0.60	0.60	0.00	4	0.60	0.60	0.60	0.00	15	0.60	0.60	0.60	0.00
Cadmium, Unfiltered	65	0.60	0.60	0.60	0.00	1	0.60	0.60	0.60		15	0.60	2.49	24.09	6.02
Calcium, Filter .45	64	10,992	79,330	140,831	30,447	4	45,800	93,935	129,942	36,190	15	28,552	63,950	127,484	31,885
Calcium, Unfiltered	65	11,257	82,929	143,456	30,424	11	51,000	1,116,303	5,750,000	2,056,542	15	29,570	68,150	159,100	34,314
Copper, Filter .45	65	5.70	5.70	5.70	0.00	5	5.70	5.70	5.70	0.00	15	5.70	5.70	5.70	0.00
Copper, Unfiltered	65	5.70	5.70	5.70	0.00	2	5.70	92.85	180	123	15	5.70	27.85	182	55.04
Dissolved Organic Carbon						13	641	28,580	165,000	50,334	15	936	6,142	23,290	5,958
Iron, Filter .45	65	28.00	28.38	48.00	2.55	12	28.00	65.12	204	63.20	15	28.00	46.91	187	50.30
Iron, Unfiltered	65	17.00	75.06	1,205	178	13	17.00	365,385	2,510,000	796,632	15	25.66	127,698	1,620,000	415,701
Lead, Filter .45	65	5.03	5.03	5.03	0.00	13	5.03	5.03	5.03	0.00	15	5.03	5.98	9.41	1.48
Lead, Unfiltered	65	5.03	5.03	5.03	0.00	13	5.03	934	6,060	1,971	15	5.03	311	4,170	1,070
Magnesium, Filter .45	64	971	11,009	21,921	4,952	4	6,210	12,299	17,187	4,719	15	3,378	8,602	19,292	5,302
Magnesium, Unfiltered	65	1,039	11,349	22,051	5,111	11	5,040	294,729	1,570,000	574,089	15	2,260	8,645	20,760	6,053
Manganese, Filter .45	65	5.00	5.00	5.00	0.00	13	11.60	475	3,720	1,016	15	5.00	23.31	97.32	26.46
Manganese, Unfiltered	65	5.00	7.19	51.90	7.88	13	29.40	22,672	141,000	46,567	15	14.42	5,348	68,200	17,472
Mercury, Unfiltered						12	0.08	1.08	6.20	2.19	11	0.08	0.08	0.08	0.00
Molybdenum, Filter .45						4	3.43	4.31	6.20	1.28	15	1.24	2.36	4.11	0.86
Molybdenum, Unfiltered						1	6.05	6.05	6.05		15	1.24	2.03	4.23	0.90
Nitrate/Nitrite as N, Unfiltered	41	20.00	238	6,670	1,037	12	20.00	155	1,000	296	15	20.00	544	2,280	722
Phosphate (PO4), Unfiltered						9	10.00	36,248	208,000	68,385	15	10.00	149	1,830	470

Hermosa Creek above CR 203

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Phosphorus, Unfiltered	30	11.00	12.74	29.80	4.55	11	11.00	12,475	67,900	21,048	15	11.00	8,019	56,500	18,401
Potassium, Filter .45	65	200	818	1,497	283	4	1,319	3,607	9,450	3,907	15	501	1,935	7,201	2,214
Potassium, Unfiltered	65	200	880	2,607	335	2	1,400	1,507	1,614	151	15	464	1,916	7,764	2,076
Selenium, Filter .45	65	8.23	8.23	8.23	0.00	4	8.23	8.23	8.23	0.00	15	8.23	9.21	16.58	2.57
Selenium, Unfiltered	65	8.23	8.23	8.23	0.00	1	22.84	22.84	22.84		15	8.23	8.94	14.22	1.83
Sulfate, Unfiltered	65	5,400	117,100	235,000	63,291	5	59,000	171,861	290,000	85,583	15	3,843	69,392	226,270	71,678
Total Kjeldahl nitrogen, Unfiltered						9	133	73,331	537,000	175,392	15	67.40	15,263	154,000	41,138
Total Nitrogen (calc), Unfiltered						13	88.70	51,216	537,485	147,463	15	73.40	15,806	156,280	41,567
Total Suspended Solids, Unfiltered	65	0.00	4,435	51,700	9,397	1	25,600	25,600	25,600		14	7,400	5,888,176	45,402,000	13,903,879
Zinc, Filter .45	65	5.00	6.00	17.20	2.61	5	5.00	73.31	305	130	15	5.00	37.11	407	102
Zinc, Unfiltered	65	3.00	9.21	60.00	9.90	2	285	848	1,410	795	15	4.11	180	1,064	346

Animas River at Trimble

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Aluminum, Filter .45	183	25.00	66.84	6,333	466	4	25.00	53.75	78.00	21.93	14	25.00	28.84	41.22	6.04
Aluminum, Unfiltered	183	24.00	492	6,391	646	4	147	2,343	8,260	3,954	15	64.21	3,494	24,584	6,361
Ammonia, Unfiltered	144	45.00	60.59	1,590	130						15	45.00	768	10,700	2,748
Arsenic, Filter .45	182	10.00	12.62	306	23.40						14	10.00	13.50	31.74	6.54
Arsenic, Unfiltered	182	10.00	14.38	299	28.18						14	10.00	16.31	32.40	5.97
Cadmium, Filter .45	183	0.60	0.61	1.96	0.10						14	0.60	0.63	1.05	0.12
Cadmium, Unfiltered	183	0.60	0.63	2.30	0.17						14	0.60	0.94	2.30	0.57
Calcium, Filter .45	182	7,953	59,105	144,620	23,342						14	17,177	45,467	81,445	21,917
Calcium, Unfiltered	183	7,907	63,263	256,334	28,249	4	50,400	62,250	74,000	9,693	15	20,930	43,479	85,580	16,632
Copper, Filter .45	183	5.70	6.32	95.80	6.73						14	5.70	5.70	5.70	0.00
Copper, Unfiltered	183	5.70	8.19	96.10	7.93						14	5.70	10.21	28.66	7.53
Dissolved Organic Carbon						4	675	1,525	3,830	1,541	15	253	2,319	3,993	1,225
Iron, Filter .45	183	28.00	57.97	220	35.12	4	28.00	28.00	28.00	0.00	14	28.00	32.80	64.32	10.36
Iron, Unfiltered	183	20.00	757	5,755	887	4	213	2,346	7,810	3,656	15	161	4,022	17,766	4,696
Lead, Filter .45	182	5.03	6.49	265	19.23	4	5.03	5.03	5.03	0.00	14	5.03	6.33	12.40	2.34
Lead, Unfiltered	182	5.03	8.28	265	20.60	4	5.03	9.05	21.10	8.04	15	5.03	18.93	68.20	17.33
Magnesium, Filter .45	182	460	8,389	74,679	5,928						14	2,250	6,088	11,454	3,105
Magnesium, Unfiltered	183	504	9,444	82,847	8,582	4	6,360	8,275	11,000	1,956	15	2,976	6,581	13,190	3,263
Manganese, Filter .45	183	5.00	225	1,302	117	4	43.90	151	200	72.04	14	50.86	156	263	57.45
Manganese, Unfiltered	183	26.50	261	1,302	123	4	201	255	378	82.80	15	157	423	830	238
Mercury, Unfiltered											14	0.08	0.08	0.08	0.00
Molybdenum, Filter .45											14	1.24	2.00	4.46	1.05
Molybdenum, Unfiltered											14	1.24	1.59	3.22	0.65
Nitrate/Nitrite as N, Unfiltered	150	20.00	156	5,020	414	4	50.00	70.00	100	21.35	15	55.00	198	709	205
Phosphate (PO4), Unfiltered						2	230	1,185	2,140	1,351	15	10.00	10.00	10.00	0.00

Animas River at Trimble

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Phosphorus, Unfiltered	101	11.00	23.60	111	20.68	4	11.00	199	697	334	15	11.00	409	3,040	843
Potassium, Filter .45	124	200	2,241	5,509	1,199						14	522	1,430	3,518	945
Potassium, Unfiltered	125	200	2,391	5,648	1,211						15	584	1,418	3,355	831
Selenium, Filter .45	182	8.23	8.82	52.30	4.26						14	8.23	8.36	9.97	0.47
Selenium, Unfiltered	182	8.23	9.47	89.80	7.81						14	8.23	9.04	13.48	1.80
Sulfate, Unfiltered	167	4,310	101,637	231,000	48,887						15	20,537	63,732	140,892	39,964
Total Kjeldahl nitrogen, Unfiltered						4	133	585	1,940	904	15	67.40	1,369	13,500	3,402
Total Nitrogen (calc), Unfiltered						4	183	655	2,040	924	15	122	1,567	13,659	3,419
Total Suspended Solids, Unfiltered	171	0.00	11,277	490,000	39,786						14	4,800	270,086	1,870,000	489,970
Zinc, Filter .45	183	5.00	94.43	459	44.84						14	5.00	75.13	485	121
Zinc, Unfiltered	183	5.00	124	458	52.75						14	31.40	130	259	67.12

Animas River at Rotary Park

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Aluminum, Filter .45	362	25.00	42.02	3,306	174	13	25.00	174	1,400	391	14	25.00	270	3,410	904
Aluminum, Unfiltered	407	24.00	527	26,210	1,639	15	99.00	63,937	374,000	125,754	15	30.34	12,935	95,233	26,807
Ammonia, Unfiltered	34	45.00	73.11	490	81.06	4	45.00	4,537	18,000	8,975	15	45.00	121	451	116
Arsenic, Filter .45	348	10.00	11.34	270	14.81	4	10.00	10.86	13.42	1.71	15	10.00	12.79	20.55	3.99
Arsenic, Unfiltered	382	10.00	13.47	305	24.62	4	10.00	12.18	16.14	2.91	15	10.01	23.88	70.36	16.78
Cadmium, Filter .45	313	0.60	0.60	1.84	0.08	4	0.60	0.60	0.60	0.00	15	0.60	0.64	1.15	0.14
Cadmium, Unfiltered	346	0.60	0.64	5.10	0.30	1	0.60	0.60	0.60		15	0.60	1.13	3.29	0.80
Calcium, Filter .45	315	7,717	65,192	181,929	21,772	4	79,092	93,298	107,000	13,763	15	18,163	47,514	90,315	22,890
Calcium, Unfiltered	401	8,022	63,881	183,415	21,067	14	46,805	220,052	981,000	289,257	15	23,407	47,213	63,312	12,549
Copper, Filter .45	368	5.70	6.20	83.50	4.71	4	5.70	5.70	5.70	0.00	15	5.70	5.70	5.70	0.00
Copper, Unfiltered	401	5.70	11.72	652	41.52	1	5.70	5.70	5.70		15	5.70	23.41	104	29.09
Dissolved Organic Carbon						17	676	8,756	41,000	13,709	15	889	2,878	4,832	1,071
Iron, Filter .45	356	28.00	60.37	7,929	421	14	28.00	140	977	287	15	28.00	282	3,809	976
Iron, Unfiltered	409	17.00	1,935	182,000	12,072	16	152	67,541	471,000	144,341	15	127	13,650	80,969	24,686
Lead, Filter .45	376	5.03	5.33	108	5.32	15	5.03	5.47	11.70	1.72	15	5.03	5.81	9.43	1.40
Lead, Unfiltered	409	5.03	28.25	2,620	190	16	5.03	156	885	306	15	5.03	38.71	114	34.07
Magnesium, Filter .45	315	472	9,593	115,625	6,808	4	10,419	12,705	15,800	2,419	15	2,302	6,570	12,855	3,553
Magnesium, Unfiltered	401	520	9,308	116,422	6,205	14	8,380	53,105	262,000	83,645	15	3,025	7,081	14,620	4,076
Manganese, Filter .45	349	5.00	88.95	972	98.18	15	10.80	268	928	271	15	5.00	122	345	87.03
Manganese, Unfiltered	382	5.00	142	1,910	166	15	98.20	2,972	14,800	5,368	15	136	859	3,697	966
Mercury, Unfiltered	142	0.08	0.08	0.26	0.02	12	0.08	0.19	0.70	0.22	11	0.08	0.08	0.08	0.00
Molybdenum, Filter .45	112	1.24	1.90	12.40	2.35	3	2.23	3.64	5.50	1.68	15	1.24	1.93	4.14	0.92
Molybdenum, Unfiltered	142	1.24	1.99	25.80	3.12	1	1.87	1.87	1.87		15	1.24	1.66	3.37	0.75
Nitrate/Nitrite as N, Unfiltered	44	20.00	159	1,370	201	15	20.00	107	551	149	15	43.00	200	728	210
Phosphate (PO4), Unfiltered	14	21.00	98.57	192	46.52	8	10.00	26,058	106,000	39,422	15	10.00	10.00	10.00	0.00

Animas River at Rotary Park

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Phosphorus, Unfiltered	23	11.00	35.55	100	26.30	13	11.00	5,597	34,600	10,606	15	11.00	841	6,350	1,700
Potassium, Filter .45	248	200	2,870	10,000	1,367	4	3,404	5,636	10,100	3,144	15	526	1,891	4,365	1,272
Potassium, Unfiltered	278	200	2,912	9,900	1,292	2	3,550	3,565	3,581	21.75	15	590	2,245	6,700	1,780
Selenium, Filter .45	348	8.23	8.56	79.70	4.39	4	8.23	8.28	8.42	0.09	15	8.23	9.54	13.53	2.05
Selenium, Unfiltered	381	8.23	8.62	89.50	4.69	1	9.26	9.26	9.26		15	8.23	8.37	9.79	0.41
Sulfate, Unfiltered	26	15,300	92,512	210,000	62,314	5	150,000	168,563	182,815	16,985	15	22,611	77,821	153,154	50,913
Total Kjeldahl nitrogen, Unfiltered	33	50.00	532	1,340	209	11	133	19,169	79,200	31,666	15	67.40	2,927	22,300	6,020
Total Nitrogen (calc), Unfiltered	22	100	620	1,203	203	15	142	14,259	79,209	28,146	15	110	3,127	22,462	6,025
Total Suspended Solids, Unfiltered	38	0.00	56,522	816,000	161,048	1	9,000	9,000	9,000		14	6,400	524,000	2,816,000	807,385
Zinc, Filter .45	368	5.00	42.10	276	28.82	4	17.60	127	376	167	15	5.00	62.83	621	155
Zinc, Unfiltered	409	2.80	78.39	1,240	97.13	1	324	324	324		15	4.11	197	495	160

Junction Creek at Coloardo Trailhead

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	N	Min	Avg	Max	SD	N	Min	Avg	Max	SD	N	Min	Avg	Max	SD
Aluminum, Filter .45	31	25.00	26.42	50.00	5.18						15	25.00	31.04	73.81	16.00
Aluminum, Unfiltered	31	24.00	113	1,737	308						15	24.00	99.27	689	174
Ammonia, Unfiltered	2	45.00	45.00	45.00	0.00						15	45.00	45.00	45.00	0.00
Arsenic, Filter .45	31	10.00	10.00	10.00	0.00						15	10.00	12.09	17.51	2.56
Arsenic, Unfiltered	31	10.00	10.00	10.00	0.00						15	10.00	12.29	20.41	3.85
Cadmium, Filter .45	31	0.60	0.60	0.60	0.00						15	0.60	0.63	0.98	0.10
Cadmium, Unfiltered	31	0.60	0.60	0.60	0.00						15	0.60	0.61	0.74	0.04
Calcium, Filter .45	31	252	41,968	56,603	14,063						15	20,326	35,243	50,543	9,382
Calcium, Unfiltered	31	27,115	46,462	60,033	9,361						15	20,316	43,446	61,750	11,147
Copper, Filter .45	31	5.70	5.70	5.70	0.00						15	5.70	5.70	5.70	0.00
Copper, Unfiltered	31	5.70	5.98	14.50	1.58						15	5.70	5.70	5.70	0.00
Dissolved Organic Carbon											15	869	2,502	4,917	1,448
Iron, Filter .45	31	28.00	34.13	131	20.03						15	28.00	28.00	28.00	0.00
Iron, Unfiltered	31	17.00	125	1,527	281						15	17.00	98.88	717	181
Lead, Filter .45	31	5.03	5.03	5.03	0.00						15	5.03	5.76	8.90	1.25
Lead, Unfiltered	31	5.03	5.07	6.20	0.21						15	5.03	5.40	7.27	0.78
Magnesium, Filter .45	29	3,832	6,997	8,880	1,494						15	2,893	5,533	8,521	1,782
Magnesium, Unfiltered	31	3,825	7,229	9,483	1,503						15	2,292	6,391	10,980	2,562
Manganese, Filter .45	31	5.00	5.47	10.10	1.34						15	5.00	5.00	5.00	0.00
Manganese, Unfiltered	31	5.00	12.04	90.50	21.01						15	5.00	15.79	110	27.32
Mercury, Unfiltered											15	0.08	0.08	0.08	0.00
Molybdenum, Filter .45											15	1.24	1.70	3.15	0.66
Molybdenum, Unfiltered											15	1.24	1.81	3.25	0.75
Nitrate/Nitrite as N, Unfiltered											15	20.00	25.40	50.00	10.03
Phosphate (PO4), Unfiltered											15	10.00	10.00	10.00	0.00

Junction Creek at Coloardo Trailhead

Analyte	Pre-Fire					Post-Fire 2018					Post-Fire 2019				
	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>	<i>N</i>	<i>Min</i>	<i>Avg</i>	<i>Max</i>	<i>SD</i>
Phosphorus, Unfiltered	2	11.00	11.00	11.00	0.00						15	11.00	42.37	326	81.45
Potassium, Filter .45	31	200	791	1,209	248						15	499	721	944	120
Potassium, Unfiltered	31	563	880	1,506	247						15	300	748	995	185
Selenium, Filter .45	31	8.23	8.23	8.23	0.00						15	8.23	8.92	12.63	1.54
Selenium, Unfiltered	31	8.23	8.23	8.23	0.00						15	8.23	9.65	22.41	3.76
Sulfate, Unfiltered	2	2,880	9,140	15,400	8,853						15	2,928	8,986	22,293	5,634
Total Kjeldahl nitrogen, Unfiltered											15	67.40	195	734	255
Total Nitrogen (calc), Unfiltered											15	73.40	210	773	266
Total Suspended Solids, Unfiltered	2	0.00	2,900	5,800	4,101						14	0.00	12,443	67,600	20,618
Zinc, Filter .45	31	5.00	5.35	9.80	1.09						15	5.00	52.52	651	166
Zinc, Unfiltered	31	5.00	8.01	29.70	6.02						15	4.11	8.64	15.09	4.74