PREPARED IN COOPERATION WITH THE
U.S. DEPARTMENT OF AGRICULTURE,
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Gerner, L.J., and others, 2001, Selected hydrologic data for Little Cottonwood Creek, Salt Lake County, Utah, September 1998

Table 1. Site description, discharge, elevated chloride and sodium concentrations, physical properties, and results of chemical analyses for water collected from Little Cottonwood Creek, Salt Lake County, Utah, September 18, 1998

[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; colloidal concentration was calculated as the difference in the total-recoverable concentration (from raw acidified sample) and the dissolved concentration (from filtered sample); <0.001, less than the analytical detection limit (0.001 milligram per liter, in this case); —, no data or not applicable]

Site description: Transport sites are fixed sites where samples were collected for an extended period. Only the results from samples collected concurrently with other sites are included in this table.
Distance: Downstream distance from uppermost site within study reach; sodium chloride injected at 217 meters.
Altitude: Estimated from U.S. Geological Survey Dromedary Peak 7.5-minute topographic map and included in this table as a general indication of stream gradient.
Discharge: Calculated from chloride concentration by using mass-balance principles.
Chloride and sodium: Instream concentrations are elevated from injection of tracer and do not reflect concentrations during natural conditions.

Site description	Distance (meters)	Source	Latitude (decimal degrees)	Longitude (decimal degrees)	Altitude, estimated (feet)	Filter size (micrometers[1])	Discharge (liters per second)	Chloride, dissolved (mg/L as Cl)	Sodium, dissolved (mg/L as Na)	Water temperature (°C)	pH, lab (standard units)	Specific conductance (µS/cm)	Hardness, (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Potassium, dissolved (mg/L as K)	Sulfate, dissolved (mg/L as SO_4)	Silica, dissolved (mg/L as SiO_2)	Silica, colloidal (mg/L as SiO_2)	Aluminum, dissolved (mg/L as Al)	Aluminum, colloidal (mg/L as Al)	Arsenic, dissolved (mg/L as As)	Barium, dissolved (mg/L as Ba)	Barium, colloidal (mg/L as Ba)	Cadmium, dissolved (mg/L as Cd)	Cadmium, colloidal (mg/L as Cd)	Chromium, dissolved (mg/L as Cr)	Cobalt, dissolved (mg/L as Co)	Copper, dissolved (mg/L as Cu)	Copper, colloidal (mg/L as Cu)	Iron, dissolved (mg/L as Fe)	Iron, colloidal (mg/L as Fe)	Lead, dissolved (mg/L as Pb)	Lithium, dissolved (mg/L as Li)	Manganese, dissolved (mg/L as Mn)	Manganese, colloidal (mg/L as Mn)	Molybdenum, dissolved (mg/L as Mo)	Nickel, dissolved (mg/L as Ni)	Strontium, dissolved (mg/L as Sr)	Strontium, colloidal (mg/L as Sr)	Zinc, dissolved (mg/L as Zn)	Zinc, colloidal (mg/L as Zn)
Above injection site	83	Stream	40.5895	111.6284	8,635	10K	44.6	1.55	1.20	8.0	8.4	225	120	30.3	10.7	0.589	15.1	4.18	0.061	<0.020	<0.020	<.015	0.034	<0.001	<0.001	0.002	<0.005	<0.005	0.002	<0.001	<0.005	0.024	<0.015	<0.002	0.003	<0.001	0.012	<0.005	0.059	<0.02	0.014	<0.001
First site below injection	263	Stream	40.5895	111.6289	8,612	10K	44.6	66.5	38.0	8.5	8.4	450	123	31.1	10.9	.640	15.4	4.27	<.015	.020	<.020	<.015	.034	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.011	.011	<.015	<.002	.003	.001	.011	<.005	.060	<.02	.013	.002
Grizzley Gulch	282	Inflow	40.5895	111.6290	8,610	.450	1.2	1.64	1.22	10.5	8.5	245	181	45.8	16.1	.597	8.04	4.44	.045	<.020	<.020	<.015	.038	.001	.001	<.001	<.005	<.005	<.001	<.001	.006	<.005	<.015	<.002	.003	<.001	<.005	<.005	.040	<.02	.013	.002
Above culvert at jump	364	Stream	40.5895	111.6300	8,590	10K	45.8	64.4	38.6	8.5	8.4	435	121	30.6	10.7	.665	15.0	4.21	.136	<.020	<.020	<.015	.033	.001	<.001	.003	<.005	<.005	.001	<.001	<.005	.032	<.015	<.002	.003	.003	.011	<.005	.058	<.02	.020	<.001
Below culvert at jump	402	Stream	40.5895	111.6304	8,589	.450	45.9	64.8	39.3	8.5	8.4	405	118	29.7	10.6	.653	15.0	4.24	.061	<.020	<.020	<.015	.034	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.008	.018	<.015	<.002	.003	.001	.013	<.005	.059	<.02	.015	<.001
Transport site 1 (T1)	572	Stream	40.5891	111.6323	8,565	.450	46.6	63.8	38.8	8.5	8.4	440	118	29.6	10.6	.647	15.1	4.30	<.015	<.020	<.020	<.015	.035	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.009	.023	<.015	.002	.003	.002	.013	<.005	.060	<.02	.015	<.001
Small inflow with iron stain	686	Inflow	40.5888	111.6333	8,558	.450	4.1	7.77	5.88	6.5	8.3	300	147	39.2	11.8	.735	12.5	5.02	3.76	<.020	.870	<.015	.039	.002	.001	<.001	<.005	<.005	<.001	.010	<.005	1.009	<.015	<.002	<.001	<.094	.009	<.005	.058	<.02	.010	.034
At end of willows	780	Stream	40.5884	111.6346	8,55	10K	5.7	51.5	33.6	8.0	8.4	370	117	29.6	1.6	.664	14.8	4.36	<.015	<.020	<.020	<.015	.035	<.001	.002	<.001	<.005	<.005	.002	<.001	<.005	.009	<.015	.002	.002	.002	.011	<.005	.060	<.02	.019	<.001
Above Collins Gulch	933	Stream	40.5883	111.6365	8,545	.450	52.3	58.2	34.9	8.0	8.4	415	122	31.0	10.8	.678	14.9	4.39	<.015	<.020	.021	<.015	.036	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.006	.027	<.015	.002	.002	.002	.011	<.005	.060	<.02	.014	.004
Collins Gulch	955	Inflow	40.5882	111.6366	8,545	.450	10.4	1.39	1.34	6.5	8.1	365	193	46.2	18.9	.930	86.3	5.15	.108	<.020	.032	<.015	.021	.001	<.001	<.001	<.005	<.005	<.001	<.001	.006	.030	<.015	.002	.003	<.001	.013	<.005	.144	<.02	.018	<.001
Below Collins Gulch	1,009	Stream	40.5883	111.6368	8,545	10K	62.7	48.2	31.3	8.0	8.3	425	128	31.9	11.8	.723	26.2	4.42	.137	<.020	.026	<.015	.033	<.001	.003	<.001	<.005	<.005	.005	<.001	<.005	.028	<.015	.002	.003	<.001	.013	<.005	.073	<.02	.028	<.001
Below ski bridge	1,205	Stream	40.5877	111.6393	8,530	.450	63.1	48.7	29.5	8.0	8.4	400	134	33.6	12.2	.721	25.9	4.48	.120	<.020	<.020	<.015	.034	<.001	.001	<.001	<.005	<.005	.002	<.001	.006	.014	<.015	.002	.002	<.001	.012	<.005	.075	<.02	.016	<.001
South Hecla Mine (snowmaking water)	1,265	Inflow	40.5877	111.6401	8,528	.450	85.1	1.48	1.47	5.0	8.3	350	199	51.0	17.4	1.00	89.5	5.79	<.015	.052	.036	<.015	.026	<.001	<.001	<.001	<.005	<.005	.008	.027	<.005	.317	<.015	.002	.016	<.001	.014	<.005	.174	<.02	.038	.017
Below Hecla input	1,375	Stream	40.5878	111.6410	8,527	10K	148.3	22.3	14.8	6.5	8.2	365	151	38.6	13.2	.867	44.9	4.94	.118	<.020	.022	<.015	.031	<.001	.002	<.001	<.005	<.005	.005	.003	<.005	.078	<.015	.002	.005	<.001	.014	<.005	.101	<.02	.028	<.001
Howland Tunnel	1,400	Inflow	40.5878	111.6412	8,527	10K	—	1.44	1.44	12.0	7.3	295	128	35.5	9.63	.841	116	6.59	.320	<.020	.120	<.015	.035	.001	.030	.002	<.005	<.005	.144	.649	<.005	2.429	<.015	<.002	.854	.017	<.005	.012	.057	<.02	3.90	<.001
Flagstaff drain	1,401	Inflow	40.5878	111.6414	8,526	.450	—	7.40	4.67	14.5	8.3	285	180	49.6	13.5	1.09	21.7	2.78	.411	.028	.073	<.015	.021	.001	<.001	<.001	<.005	<.005	.005	.006	.006	.097	<.015	<.002	.017	.006	<.005	<.005	.054	<.02	.032	.022
Gold Miner's Daughter parking lot drain	1,402	Inflow	40.5879	111.6415	8,526	.450	—	18.8	18.0	12.0	8.1	290	161	44.2	12.3	1.04	13.3	5.37	<.015	<.020	<.020	<.015	.039	<.001	.001	<.001	<.005	<.005	<.005	<.005	<.005	3.40	<.015	<.002	.003	<.001	<.005	<.005	.058	<.02	.041	<.001
Combined Howland Tunnel	1,403	Inflow	40.5879	111.6417	8,525	.450	72.7	16.5	15.2	12.0	8.4	375	167	45.9	12.6	1.01	23.7	5.59	<.015	.020	<.020	<.015	.039	<.001	.001	<.001	<.005	<.005	.031	.043	.008	.200	<.015	<.002	.100	<.001	.006	<.005	.059	<.02	.407	.034
Below Howland Tunnel	1,443	Stream	40.5881	111.6421	8,520	10K	221.0	20.5	13.5	6.5	8.3	390	164	43.2	13.5	.905	39.5	5.07	<.015	.027	<.020	<.015	.033	<.001	.001	<.001	<.005	<.005	.010	<.001	<.005	<.005	<.015	<.002	.026	<.001	.008	<.005	.089	<.02	.125	<.001
Spring by Peruvian Lodge	1,490	Inflow	—	—	—	.450	9.6	12.6	7.30	4.5	8.1	360	173	46.2	14.1	.968	43.5	5.75	<.015	.022	<.020	<.015	.039	<.001	.001	<.001	<.005	<.005	<.005	<.005	<.005	.015	<.015	<.002	<.001	<.001	.009	<.005	.091	<.02	.028	<.001
Near Peruvian Lodge	1,550	Stream	—	—	—	10K	230.6	20.2	13.4	6.5	8.2	395	165	43.9	13.5	.914	39.2	5.08	.057	.026	.031	<.015	.034	.010	.001	.002	<.005	<.005	.011	<.005	.078	<.015	<.002	.023	.023	.009	<.005	.089	.091	.121	.119
Below Peruvian Lodge	1,592	Inflow	—	—	—	.450	14.3	1.51	1.37	4.0	8.2	265	129	33.3	11.1	.768	32.6	4.87	<.015	<.020	<.020	<.015	.049	<.001	.001	<.001	<.005	<.005	<.001	<.004	<.005	<.005	<.015	<.002	<.001	<.001	<.005	<.005	.080	<.02	.023	<.001
Transport site 2 (T2 at bridge)	1,742	Stream	40.5881	111.6435	8,480	10K	244.9	19.9	12.9	6.5	8.4	365	165	43.7	13.5	.932	39.1	5.14	.086	.024	<.020	<.015	.035	<.001	<.001	<.001	<.005	<.005	.004	.012	<.005	.070	<.015	<.002	.022	<.001	.007	<.005	.088	<.02	.113	.012
Below waterfall	1,812	Inflow	40.5877	111.6448	8,450	.450	21.1	19.6	1.7	7.5	8.1	390	164	44.2	13.0	.869	39.9	5.17	.060	<.020	<.020	<.015	.018	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.012	<.005	<.015	<.002	<.001	<.001	.009	<.005	.087	<.02	.004	<.001
Below Hellgate Falls	1,862	Stream	40.5877	111.6450	8,445	.450	266.0	20.5	13.0	7.5	8.3	385	169	45.2	13.6	1.01	40.6	5.25	.070	.021	<.020	<.015	.038	<.001	.002	<.001	<.005	<.005	.017	<.001	<.005	.048	<.015	.002	.019	<.001	.010	<.005	.091	.02	.119	<.001
Hellgate Spring	1,874	Inflow	40.5878	111.6453	8,435	.450	8.6	6.96	4.81	9.0	8.1	380	178	46.6	15.0	1.44	23.9	4.22	.093	<.020	.021	<.015	.035	.001	.010	<.001	<.005	<.005	.003	<.001	<.005	.010	.034	<.002	.010	.001	<.005	<.005	.060	<.02	.984	.027
Large discharge spring	1,899	Inflow	—	—	—	.450	8.6	21.9	14.2	7.5	8.3	395	168	45.4	13.3	1.01	43.2	5.15	.570	.021	.117	<.015	.035	.001	.002	<.001	<.005	<.005	.007	.006	<.005	.113	<.015	<.002	.020	.010	.009	<.005	.089	<.02	.245	.027
Below Hellgate Spring	1,959	Stream	40.5879	111.6460	8,430	10K	283.2	20.9	14.4	7.5	8.3	400	156	41.0	13.0	1.00	41.2	5.08	.191	<.020	.032	<.015	.035	<.001	.003	<.001	<.005	<.005	.005	.007	<.005	.052	<.015	.002	.019	.001	.010	<.005	.088	<.02	.141	.018
Large spring	2,003	Inflow	40.5879	111.6465	8,420	.450	19.1	22.4	14.8	7.0	8.3	410	167	44.9	13.3	1.01	43.2	5.19	.062	.022	.022	<.015	.036	<.001	.002	<.001	<.005	<.005	.011	.007	<.005	.044	<.015	.002	.017	.006	<.005	.088	<.02	.138	.011
At footbridge	2,063	Stream	40.5878	111.6472	8,400	.450	302.3	21.8	14.2	7.5	8.3	400	160	42.7	13.0	.998	41.7	5.13	.209	.020	.027	<.015	.036	.001	.002	<.001	<.005	<.005	.008	.006	.006	.056	<.015	.002	.019	.004	.007	<.005	.087	<.02	.141	.006
Near houses	2,193	Stream	40.5873	111.6485	8,363	.450	311.4	22.5	14.5	7.5	8.4	390	165	44.0	13.4	1.01	41.8	5.20	.027	.020	<.020	<.015	.036	<.001	.002	.001	<.005	<.005	.008	.004	<.005	.052	<.015	.002	.019	.003	.008	<.005	.087	<.02	.142	.001
Near bedrock and houses	2,433	Stream	40.5862	111.6507	8,285	.450	328.6	22.0	14.3	8.5	8.4	390	168	45.0	13.5	1.03	41.6	5.18	.036	<.020	<.020	<.015	.035	<.001	.002	<.001	<.005	<.005	.006	.004	<.005	.046	<.015	.002	.019	.002	.008	<.005	.088	<.02	.133	.010
Upper Wasatch Tunnel fractures	2,470	Inflow	40.5859	111.6509	8,275	10K	5.3	9.87	5.18	6.5	8.3	450	200	53.7	15.9	1.28	78.3	5.56	.102	<.020	<.020	<.015	.020	<.001	.004	<.001	<.005	.006	.002	<.001	<.005	.263	<.015	.002	.213	.004	.005	.006	.113	<.02	.346	.006
Below fracture inflow	2,590	Stream	40.5849	111.6514	8,230	10K	333.8	21.9	13.9	8.0	8.4	400	171	46.1	13.5	1.07	45.6	5.28	<.015	<.020	.023	<.015	.035	<.001	.001	<.001	<.005	.014	<.001	<.005	.040	<.015	<.002	.028	.002	.007	<.005	.097	<.02	.140	.021
Below cascading reach	2,890	Stream	—	—	—	10K	335.0	22.5	14.2	8.5	8.4	415	176	47.7	13.8	1.08	45.6	5.04	.109	.025	<.020	<.015	.035	<.001	<.001	<.001	<.005	<.005	.002	.005	<.005	.034	<.015	<.002	.026	.001	.007	<.005	.098	<.02	.133	.018
Dilute inflow near Cliff Lodge parking	2,892	Inflow	40.5841	111.6517	8,190	.450	1.9	4.79	3.89	6.5	7.8	170	73.5	19.8	5.82	1.20	29.1	6.73	.136	.069	.159	<.015	.027	<.001	.001	<.001	<.005	<.005	.016	.012	<.005	.026	<.015	<.002	.011	.001	<.005	<.005	.038	<.02	.015	.002
Transport site 3 (T3 above thermal)	2,922	Stream	40.5835	111.6522	8,17	10K	336.9	21.7	13.5	9.0	8.4	410	171	45.9	13.6	1.02	45.2	5.15	.124	<.020	<.020	<.015	.035	<.001	.002	<.001	<.005	<.005	.005	.008	.005	.036	<.015	<.002	.025	.002	.007	<.005	.095	<.02	.119	.026
Cold inflow	2,924	Inflow	—	—	—	.450	—	7.98	7.58	6.0	8.2	230	97.3	26.2	7.72	1.21	29.9	5.22	<.015	<.020	<.020	<.015	.028	<.001	.002	<.001	<.005	<.005	.002	<.001	<.005	.011	<.015	<.002	<.001	<.001	<.005	.050	<.02	.005	<.001
Cogenerator inflow	2,925	Inflow	—	—	—	.450	—	9.90	5.18	16.0	8.2	330	152	39.1	13.1	.959	41.4	5.57	.123	<.020	<.020	<.015	.033	<.001	.007	<.001	<.005	<.005	.044	.010	.005	.046	<.015	.002	.049	<.001	<.005	<.005	.078	<.02	.771	.027
Wasatch Tunnel Cogeneration	2,926	Inflow	40.5835	111.6523	8,169	.450	141.1	10.1	5.40	16.0	8.2	325	161	41.9	13.7	.928	41.2	5.64	<.015	<.020	<.020	<.015	.033	<.001	.007	<.001	<.005	<.005	.041	.007	.006	.043	<.015	<.002	.043	<.001	<.005	<.005	.079	<.02	.732	<.001
Below Cogenerator inflow and bypass road	3,037	Stream	40.5831	111.6524	8,167	10K	478.0	17.6	10.9	—	8.3	390	169	45.0	13.7	1.04	44.3	5.28	.122	.026	.028	<.015	.034	<.001	.004	<.001	<.005	<.005	.013	.007	.005	.056	<.015	<.002	.031	.003	.007	<.005	.090	<.02	.279	.048
Peruvian Gulch	3,047	Inflow	40.5830	111.6524	8,163	.450	23.4	1.49	1.64	—	8.3	195	99.6	28.9	6.64	.930	15.6	4.56	.144	.022	.033	<.015	.028	<.001	<.001	<.001	<.005	<.005	<.001	<.001	<.005	.033	<.015	<.002	<.001	.001	<.005	<.005	.056	<.02	.006	.003
Below Peruvian Gulch	3,067	Stream	40.5826	111.6526	8,155	10K	501.4	17.6	12.2	—	8.3	390	183	49.1	14.6	1.17	43.3	5.32	.046	.020	.028	<.015	.037	<.001	.002	<.001	<.005	<.005	.010	.009	<.005	.059	<.015	<.002	.033	<.001	.005	<.005	.097	<.02	.321	<.001
Wasatch Tunnel overflow	3,068	Inflow	40.5820	111.6533	8,150	.450	3.5	11.3	9.79	—	8.3	260	107	30.6	7.43	.938	16.0	4.77	.016	<.020	<.020	<.015	.026	.001	<.001	<.001	<.005	<.005	.012	<.001	<.005	<.005	<.015	<.002	.005	<.001	<.005	<.005	.054	<.02	.102	.006
Overflow pipe	3,069	Inflow	—	—	—	.450	3.5	30.9	28.0	—	7.8	385	121	31.8	10.1	1.29	26.8	5.08	<.015	<.020	<.020	<.015	.024	<.001	.001	<.001	<.005	<.005	.006	<.015	<.002	.005	<.015	<.002	.005	<.001	<.005	<.005	.091	<.02	.119	<.001
Below Wasatch Tunnel	3,123	Stream	40.5815	111.6547	8,13	10K	508.3	18.4	13.1	—	8.4	390	149	39.2	12.3	1.08	42.4	5.20	.174	<.020	.025	<.015	.033	<.001	.004	<.001	<.005	<.005	.011	.007	<.005	.044	<.015	.002	.027	.002	.004	<.005	.086	<.02	.275	.023
Cliff Lodge grass inflow	3,125	Inflow	40.5815	111.6547	8,132	.450	4.5	34.3	<.015	—	8.0	305	85.8	25.1	5.60	2.75	40.5	6.83	.106	.098	<.020	<.015	.032	<.001	.001	<.001	<.005	<.005	.039	.006	.006	.014	<.015	<.002	.034	.001	<.005	.007	.063	<.02	.122	.002
Below Cliff Lodge inflow	3,349	Stream	40.5818	111.6538	8,13	10K	512.8	18.5	12.4	—	8.3	375	160	42.7	12.8	1.10	42.5	5.27	.158	<.020	.028	<.015	.034	<.001	.002	.001	<.005	<.005	.011	.005	<.005	.040	<.015	.002	.027	.001	.005	<.005	.087	<.02	.266	.029
Gold Cliff Mine discharge	3,351	Inflow	40.5818	111.6539	8,129	.450	1.4	11.5	10.3	—	5.	120	28.4	7.93	2.07	1.05	34.2	8.30	<.015	.257	<.020	<.015	.019	<.001	<.001	<.001	<.005	<.005	.043	<.001	.091	.024	<.015	<.002	.030	<.001	<.005	.006	.024	<.02	.025	<.001
Below Gold Cliff discharge	3,451	Stream	40.5807	111.6554	8,080	.450	514.2	18.6	12.2	—	8.3	365	162	43.5	12.8	1.11	42.8	5.36	.034	.024	<.020	<.015	.034	<.001	.002	<.001	<.005	<.005	.014	.002	.006	.035	<.015	<.002	.027	<.001	.006	<.005	.087	<.02	.278	.009
Swampy area below Snowbird	3,671	Inflow	40.5798	111.6572	8,045	.450	4.1	51.5	37.9	—	7.9	400	92.3	25.8	6.73	1.29	46.0	9.67	.221	.023	<.020	<.015	.035	.001	.001	<.001	<.005	<.005	.004	.001	.168	.133	<.015	.004	.035	.009	.007	<.005	.121	<.02	.006	.002
At bridge near Snowbird parking lot	3,721	Stream	40.5798	111.6575	8,041	10K	518.4	19.4	12.6	—	8.3	375	160	43.1	12.7	1.13	42.2	5.31	.161	.027	<.020	<.015	.033	<.001	.002	<.001	<.005	<.005	.009	.007	<.005	.042	<.015	<.002	.029	.001	.005	<.005	.088	<.02	.239	.036
Above Wilbere Lift	3,961	Stream	40.5793	111.6600	7,990	.450	522.1	19.5	12.8	—	8.4	385	159	42.7	12.6	1.13	42.4	5.47	<.015	.031	<.020	<.015	.034	<.001	.003	<.001	<.005	<.005	.011	.004	<.005	.032	<.015	.002	.029	<.001	<.005	<.005	.088	<.02	.253	.014
Below Wilbere Lift (cement pipe)	4,251	Stream	40.5790	111.6634	7,950	.450	539.2	19.3	12.9	—	8.3	370	160	43.1	12.7	1.12	42.4	5.41	.043	.029	<.020	<.015	.034	<.001	.002	<.001	<.005	<.005	.011	.003	.007	.030	<.015	<.002	.027	<.001	<.005	<.005	.089	<.02	.243	.011
Gad Valley Gulch	4,480	Inflow	40.5780	111.6657	7,870	.450	7.7	1.00	1.39	—	7.4	85	34.4	10.2	2.15	.678	20.9	4.72	.204	.031	.046	<.015	.031	.002	.001	<.001	<.005	<.005	<.001	<.001	.010	.086	<.015	<.002	<.001	.004	<.005	<.005	.065	<.02	.011	.002
Below MidGad Bridge	4,630	Stream	40.5777	111.6678	7,86	10K	547.0	17.7	12.7	—	8.3	360	137	36.4	11.2	1.08	40.6	5.24	.159	<.020	.027	<.015	.034	<.001	.002	<.001	<.005	<.005	.007	.005	<.005	.030	<.015	.002	.024	.001	.007	<.005	.086	<.02	.197	.031
At end of lower parking	4,861	Stream	40.5775	111.6705	7,820	.450	551.9	17.9	12.1	—	8.3	365	145	39.1	11.6	1.07	40.3	5.39	.141	<.020	.029	<.015	.034	.001	.003	<.001	<.005	<.005	.009	.002	<.005	.032	<.015	.002	.024	.002	.005	<.005	.087	<.02	.209	.021
Below Snowbird in cascades	5,161	Stream	40.5768	111.6738	7,720	.450	553.0	19.0	12.0	—	8.4	350	141	37.9	11.4	1.07	42.0	5.36	.048	<.020	.020	<.015	.034	<.001	.002	<.001	<.005	<.005	.009	.002	.007	.022	<.015	.002	.023	.001	.006	<.005	.087	<.02	.201	.014
Left bank with tarp from Baby Thunder	5,281	Inflow	40.5762	111.6750	7,700	.450	15.2	1.42	2.78	13.5	7.5	81	30.7	9.84	1.46	.658	19.0	9.13	.039	.030	.021	<.015	.036	<.001	.001	<.001	<.005	<.005	.003	<.001	.010	.015	<.015	<.002	<.001	<.001	<.005	<.005	.100	<.02	.009	<.001
Near bedrock outcrop	5,461	Stream	40.5754	111.6769	7,665	.450	568.2	18.1	12.2	11.0	8.4	350	146	39.2	11.7	1.06	39.1	5.41	.035	.023	<.020	<.015	.036	<.001	.003	<.001	<.005	<.005	.009	.004	.013	.023	<.015	<.002	.020	.001	.006	<.005	.089	<.02	.180	.010
Right bank spring inflow	5,478	Inflow	40.5753	111.6771	7,662	.450	30.9	26.9	33.3	6.0	7.7	265	45.7	13.2	3.03	1.08	20.4	5.71	.065	<.020	<.020	<.015	.062	<.001	.001	<.001	<.005	<.005	<.001	<.001	<.005	<.005	<.015	<.002	<.001	<.001	<.005	<.005	.071	<.02	.003	<.001
Spring at stream level	5,560	Inflow	40.5749	111.6778	7,650	.450	30.9	21.8	20.1	5.5	7.7	185	41.7	12.5	2.51	1.13	12.4	6.70	.029	<.020	<.020	<.015	.057	<.001	<.001	<.001	<.005	<.005	<.001	<.001	.006	.006	<.015	<.002	<.001	<.001	<.005	<.005	.073	<.02	.005	<.001
Below right-bank seepage (constricted)	5,740	Stream	40.5747	111.6785	7,640	.450	630.0	18.8	13.5	11.0	8.4	330	136	36.6	10.7	1.05	36.6	5.49	<.015	.026	<.020	<.015	.038	<.001	.003	<.001	<.005	<.005	.009	<.001	.008	.017	<.015	<.002	.018	<.001	.006	<.005	.088	<.02	.161	.003
Above dilute inflow	5,945	Stream	40.5748	111.6797	7,639	.450	643.9	18.5	13.7	10.5	8.4	335	134	36.1	10.5	1.06	36.3	5.56	.037	.023	<.020	<.015	.038	<.001	.003	<.001	<.005	<.005	.013	<.001	.009	.006	<.015	<.002	.017	<.001	.007	<.005	.090	<.02	.162	.005
Dilute inflow	5,955	Inflow	40.5748	111.6799	7,638	.450	20.7	4.37	5.24	6.0	7.8	98	33.3	10.2	1.87	.989	7.73	6.10	.077	<.020	.029	<.015	.040	.001	.003	<.001	<.005	<.005	.007	<.001	<.005	.031	<.015	<.002	<.001	<.001	.007	<.005	.074	<.02	.010	<.001
Transport site 4 (T4)	6,055	Stream	40.5732	111.6900	7,638	10K	664.6	18.2	13.7	10.5	8.3	310	131