Stream name	Date	Water Temp (C)	Air Temp (C)	Nitrate (mg/L)	Phosphate (mg/L)	Stream Width (m)	Stream Depth (m)	Stream Velocity (m/s)	Discharge (cubic m/s)	Nitrate Load (grams/cubic m)	Phosphate Load (grams/cubic m)	pH (0 to 14)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Salinity (ppm)	Total Alkalinity (mg/L)	TDS (mg/L)	Ammonia (mg/L)	
Climbers Run #1	9-Jan-16	7.0	7	5.7	0.29	7.20	0.206	0.400	0.593	3.38	0.172	8.97	12.2	152.4	86	40	126	0.25	
	13-Feb-16	2.0	-6	6.2	0.37	N/A	N/A	N/A	N/A	N/A	N/A	8.5	15.7	188.8	81.5	60	132	0.00	Physical measurements not done due to inclement weather. Nitrate and phosphate standards completed.
	12-Mar-16	10.0	16	4.8	0.28	7.61	0.144	0.382	0.420	2.02	0.120	8.25	16.5	165	85.7	60	117	0.25	Nitrate and phosphate standards completed
	9-Apr-16	4.0	4	4.0	0.12	7.81	0.176	0.656	0.902	3.61	0.108	8.82	12.3	165	73.9	60	116	0.25	Nitrate and phosphate standards completed.
	14-May-16	12.0	24	3.9	0.90	7.54	0.160	0.390	0.470	1.83	0.423	8.2	9.9	165.5	79	40	117	0.50	Nitrate and phosphate standards completed.
	4-Jun-16	18.0	25	4.0 ; 3.5	0.23	7.66	0.150	0.416	0.478	1.912 ; 1.673	0.110	8.3	9	180.8	87.6	40	128	0.25	Nitrate and phosphate standards completed.
	9-Jul-16	20.00	25.00	2.50	0.64	7.10	0.120	0.31	0.264	0.66	0.169	7.75	9.6	163	87.9	60	117	0.25	Nitrate and phosphate standards completed.
	13-Aug-16	22.70	25.00	6.30	0.17	7.31	0.110	0.25	0.200	1.26	0.034	8.67	8.2	186	90.7	60	132	0.25	Nitrate and phosphate standards completed.
	10-Sept-16	21.30	22.70	4.20	0.08	6.90	0.095	0.238	0.156	0.66	0.012	7.76	8.56	179.5	99.5	60	133	0.25	Nitrate and phosphate standards completed.
	8-Oct-16	15.10	19.00	3.60	0.23	6.95	0.101	0.34	0.239	0.86	0.055	8.52	10.25	196.2	94.4	60	136	0.25	Nitrate and phosphate standards completed
	12-Nov-16	7.00	10.00	3.00	0.16	6.53	0.110	0.33	0.250	0.75	0.040	7.81	11	178.3	91.6	60	127	0.25	Nitrate and phosphate standards completed
	10-Dec-16	1.50	3.60	6.10	0.10	7.24	0.110	0.2	0.150	0.92	0.015	6.1	14.43	192.2	97.4	60	136	0.00	Nitrate and phosphate standards completed

Discharge = stream width (m) x stream depth (m) x velocity (m/sec)
Nitrate Load = Discharge (cubic m/sec) x Nitrate (mg/L)
Phosphate Load = Discharge (cubic m/sec) x Phosphate (mg/L)
mg/L is the same as ppm, ppm = parts per million
Conductivity units, uS/cm is micro Siemens per cm