

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 #2	8-Apr-16	9	10	1.4	0.35	1.88	0.135	0.29	0.074	0.104	0.03	8.33	10.7	234	109	60	165	0.25			Nitrate and phosphate standards completed.	
	12-May-16	14	21	3.7	0.05	2.286	0.125	0.25	0.071	0.263	0.004	8.75	10.3	224	106	60	159	0.25			Nitrate and phosphate standards completed.	
	2-Jun-16	18	22	4.2	0.16	1.26	0.072	0.341	0.031	0.1302	0.005	7.95	9.6	215	104	60	153	0.25			Nitrate and phosphate standards completed.	
	8-Jul-16	18	26	4.9	0.16	1.206	0.085	0.222	0.228	1.117	0.036	8.12	10.1	216	104	60	153	0.25			Nitrate and phosphate standards completed.	
	12-Aug-16	22.6	31	1.6	0.45	1.245	0.088	0.1834	0.0201	0.032	0.009	8.33	10.36	214	103	60	152	0.25			Nitrate and phosphate standards completed.	
	9-Sept-16	18.8	26	3.9	0.1	1.346	0.07	0.192	0.0181	0.071	0.0018	7.54	9.6	192.9	102	60	137	0.25			Nitrate and phosphate standards completed.	
	7-Oct-16	15.2	21	3.4	0.11	1.4224	0.0866	0.2041	0.025	0.085	0.00275	8.52	10.05	226	108	60	160	0.25			Nitrate and phosphate standards completed.	
	10-Nov-16	10.5	12.77	2.2	0.3	1.346	0.088	0.222	0.02629	0.0578	0.0079	7.37	11.05	207	106	60	147	0.25			Nitrate and phosphate standards completed.	
	8-Dec-16	6.3	5.55	3.1	0.33	1.46	0.085	0.189	0.0235	0.073	0.0077	7.78	12.35	217	108	60	154	0.25			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