

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)																						
Fishing Creek	9-Jan-16	6.6	5.5	11.2	0.41	7.67	0.130	0.560	0.580	6.50	0.238	8.16	12.2	216	108	60	153	0.50	Nitrate and phosphate standards completed.																					
North preserve	12-Feb-16	3.0	-6	6.1	0.55	N/A	N/A	N/A	N/A	N/A	N/A	9.3	13.6	239	107	40	170	0.25	Physical measurements not done due to inclement weather. Nitrate and phosphate standards completed.																					
	11-Mar-16	17.8	16	9.8	0.12	9.37	0.142	0.562	0.747	7.32	0.089	9.05	10.2	217	104	40	154	0.25	Nitrate and phosphate standards completed.																					
	7-Apr-16	10.0	13.89	2.1	0.31	8.10	0.154	0.303	0.403	0.85	0.125	8.8	10.5	188.8	88.6	40	134	0.50	Nitrate and phosphate standards completed.																					
	13-May-16	14.4	20.5	9.1	0.13	9.63	0.126	0.560	0.680	6.19	0.088	8.43	10.1	199.2	95.4	40	142	0.25	Nitrate and phosphate standards completed.																					
	3-June-16	17.0	25	3.2	0.23	11.48	0.161	0.488	0.902	2.89	0.207	8.12	8.8	180.5	87.4	60	128	0.25	Nitrate and phosphate standards completed.																					
	7-Jul-16	19.00	25.50	9.6	0.21	7.04	0.109	0.536	0.411	3.95; 3.45	0.086	9.81	8.1	230	110	60	163	0.25	Nitrate and phosphate standards completed.																					
	10-Aug-16	21.00	26.70	6.00	0.14	7.11	0.100	0.459	0.326	1.96	0.046	8.37	8.78	222	108	60	157	0.25	Nitrate and phosphate standards completed.																					
	8-Sept-16	20.10	28.60	6.40	0.08	6.68	0.077	0.253	0.130	0.83	0.010	7.82	8.5	187.5	99.5	60	133	0.25	Nitrate and phosphate standards completed.																					
	7-Oct-16	15.10	20.00	8.70	0.12	6.93	0.088	0.3	0.183	1.59	0.022	8.36	10.15	220	105	60	156	0.25	Nitrate and phosphate standards completed.																					
	10-Nov-16	9.60	11.66	9.60	0.19	7.12	0.110	0.46	0.360	3.46	0.068	7.85	12.08	206	107	60	146	0.25	Nitrate and phosphate standards completed.																					
	8-Dec-16	5.80	7.22	6.00	0.25	7.01	0.081	0.275	0.156	0.94	0.039	7.83	13.03	204	105	60	147	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