

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)
Steinman Run	8-Jan-16	8.0	4.4	3.5	0.18	2.44	0.080	0.630	0.123	0.43	0.022	8.7	12.7	174	79.7	40	123	0.25
	12-Feb-16	4.0	-5	4.2	0.27	N/A	N/A	N/A	N/A	N/A	N/A	8.9	13.1	158	71	40	112	0.50
	11-Mar-16	15.0	18.3	8.0	0.15	2.41	0.083	0.424	0.085	0.68	0.013	8.18	10.1	145.8	69.9	40	103	0.25
	8-Apr-16	7.5	10	3.2	0.19	2.51	0.090	0.490	0.102	0.33	0.019	9.66	11.1	122.5	57.3	40	97	0.24
	13-May-16	12.0	20.5	5.3	0.04	2.59	0.093	0.150	0.036	0.19	0.001	8.55	10.1	131.5	63.3	40	93.5	0.25
	2-Jun-16	17.0	25	3.1	0.11	2.31	0.077	0.435	0.077	0.24	0.008	8.2	8.6	150.8	74	40	107	0.25
	8-Jul-16	18.00	26.00	4.50	0.07	2.03	0.053	0.316	0.034	0.15	0.002	8.72	10.6	136	67.4	40	96.7	0.25
	12-Aug-16	23.20	31.00	1.80	0.12	1.75	0.052	0.25	0.023	0.04	0.003	7.93	8.14	125	65.6	40	92.8	0.25
	9-Sept-16	20.50	28.30	3.80	0.15	1.63	0.050	0.2	0.016	0.06	0.002	7.75	8.3	117.6	64.1	40	83.3	0.25
	8-Oct-16	15.10	19.00	4.20	0.27	1.56	0.042	0.197	0.013	0.06	0.003	10.27	9.58	127.8	62.1	40	90.6	0.25
	12-Nov-16	6.50	10.20	2.50	0.22	1.98	0.041	0.214	0.017	0.04	0.004	8.48	11.82	128.3	59.3	40	90.9	0.25
	10-Dec-16	1.60	6.60	5.00	0.30	1.76	0.042	0.267	0.021	0.10	0.006	8.94	14.39	132.9	59.4	20	94.4	0.25

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

Physical measurements not done due to inclement weather. Nitrate and phosphate standards completed.

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