

AMBIENT LAKE MONITORING NETWORK

Lake Name: Harrisville Lake

County: BURLINGTON

SiteID: NJW04459-057

Municipality: WASHINGTON TWP

Surface to Bottom Profile

Season: *Spring*

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	0.6	0.3	0.6	14.63	9.22	91.5	4.39	0.033
2	0.7	0.4	0.7	14.75	8.68	86.3	4.41	0.035
outlet 1	0.2	0.2		14.77	8.91	88.7	4.47	0.034
outlet 2	0.4	0.4		15.21	9.06	91	4.39	0.034

Season: *Summer*

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	0.8	0.4	0.8	26.04	5.77	70.5	4.17	0.035
2	1.9	1	1.5	27.39	5.05	63.2	4.13	0.04
outlet 1	0.4	0.1		28.03	5.64	71.5	4.16	0.038
outlet 2	0.4	0.1		28.15	6.18	78.4	4.12	0.039

Season: *Fall*

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	0.6	0.3	0.6	14.07	7.66	73	4.28	0.036
2	1.1	0.5	0.9	16.29	7.66	76.6	4.26	0.038
outlet 1	0.2	0.2		15.9	8.17	81	4.22	0.037
outlet 2	0.2	0.2		16.28	8.9	89	4.26	0.037

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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Lake Name: Harrisville Lake
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Lake Profile Raw Data

Season: Spring

<i>Station</i>	<i>Tot Phos</i> <i>(mg/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	ND	0.260	0.006	0.012	1.5	1	2.989	1.94
2	0.007	0.209	0.006	0.020	0.8	1	2.913	1.64
outlet 1	ND	0.147	0.006	0.020	1	1	3.028	2.02
outlet 2	ND	0.122	0.006	0.022	1.1	1	2.976	1.84

Season: Summer

<i>Station</i>	<i>Tot Phos</i> <i>(mg/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	0.033	0.156	0.006	0.011	4.3	1	2.742	3.72
2	0.012	0.120	0.006	0.008	1.7	1	2.717	2.97
outlet 1	ND	0.127	0.006	0.009	1.5	1	2.717	2.93
outlet 2	0.01	0.116	0.007	0.018	2	1	2.793	3.3

Season: Fall

<i>Station</i>	<i>Tot Phos</i> <i>(mg/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	ND	0.134	0.004	0.026	0.8	1	2.603	1.95
2	ND	0.085	0.002	0.026	1.1	1	2.688	2.17
outlet 1	0.011	0.065	0.002	0.028	0.9	1	2.735	2.06
outlet 2	0.018	0.167	0.007	0.025	3.3	1	2.786	2.94

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume 1, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.