

AMBIENT LAKE MONITORING NETWORK

Lake Name: Bee Meadow Pond

County: MORRIS

SiteID: NJW04459-144

Municipality: HANOVER 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	4.6	1	2.7	13.72	10.19	98	7.38	0.145
1	4.6	2	2.7	12.42	11.42	106.7	7.64	0.144
1	4.6	3	2.7	9.5	10.13	88.6	7.42	0.145
1A	4.6	4	2.7	8.28	0.55	4.7	6.86	0.15
outlet	0.2	0.2		14.59	9.08	89	7.03	0.145

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	4.8	1	3.6	25.7	7.11	87.5	7.15	0.141
1	4.8	2	3.6	25.47	6.69	81.9	7.02	0.141
1	4.8	3	3.6	21.33	6.84	77.5	6.89	0.144
1A	4.8	4	3.6	15.12	3	29.8	6.64	0.154
outlet	0.1	0.1		26.01	6.71	83	6.92	0.141

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	4.5	1	1.6	21.9	7.65	86.3	6.57	0.14
1	4.5	2	1.6	21.48	6.21	69.5	6.67	0.14
1	4.5	3	1.6	21.32	5.2	58.1	6.7	0.141
1	4.5	4	1.6	21.06	1.54	17.1	6.6	0.144
outlet	0.1	0.1		19.53	4.48	48.3	6.32	0.159

-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 Profile Raw Data

Season: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.025	0.437	0.005	0.007	5.7	30.000	26.079	1.8
1A	0.076	0.643	0.002	0.020	24.93	20.000	26.959	3.98
outlet	0.031	0.471	0.019	0.033	3.9	41.000	26.568	2.01

Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.021	0.345	0.006	0.002	7.83	25.000	26.044	1.43
1A	0.043	0.462	0.007	0.009	19.53	20.000	27.362	2.71
outlet	0.027	0.385	0.009	0.003	8.21	32.000	25.330	5.61

Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.032	0.974	0.011	0.049	35.02	24.000	27.262	6.28
outlet	0.062	1.620	0.153	0.217	45.52	32.000	34.409	14.9

Sample Device - Horizontal Polycarbonate Sampler

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

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