

# AMBIENT LAKE MONITORING NETWORK

**Lake Name:** Heaters Pond

**County:** SUSSEX

**SiteID:** NJW04459-186

**Municipality:** OGDENSBURG BORO

## 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	2	1	2	16.58	6.72	70.5	7.32	0.108
2	1.7	1	1.7	16.37	6.74	70.5	7.16	0.126
3	1.4	0.7	1.4	16.08	6.07	63.1	7.06	0.095

**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	1.9	1	1.7	22.85	1.48	17.6	6.38	0.094
2	1.6	1	1.3	21.61	0.49	5.7	6.24	0.095
3	1.5	1	1.3	21.01	0.15	1.7	6.2	0.298

**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	1.8	1	1.8	12.27	5.48	52.9	7.5	0.106
2	1.5	1	1.5	11.55	3.37	32.1	7.65	0.108
3	1.5	1	1.5	11.44	2.37	22.5	7.21	0.105

-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	0.024	0.419	0.0063	0.00778	11.48	42	32.8	1.26
2	0.033	0.392	0.0063	0.00778	9.88	37	35.2	1.17
3	0.027	0.442	0.0063	0.00923	14.94	9	24.3	1.23

### 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	0.011	0.561	0.0063	0.0078	8.39	22	37	1.12
2	0.017	0.68	0.0063	0.0078	18.62	40	39.1	1
3	0.017	0.570	0.0063	0.0078	15.79	29	38.3	2.54

### 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	0.028	0.430	0.00630	0.0104	10.29	36	38.2	1.27
2	0.018	0.206	0.00630	0.00778	3.81	47	42.6	0.63
3	0.023	0.426	0.00630	0.0143	3.96	36	37.5	0.99

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.