

AMBIENT LAKE MONITORING NETWORK

Lake Name: Foxs Pond

County: MORRIS

SiteID: NJW04459-261

Municipality: ROCKAWAY 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	2.6	1	2.6	14.03	8.18	80.5	7.58	0.644
1	2.6	2	2.6	13.23	8.14	78.7	7.61	0.645
outlet	0.4	0.4		13.72	9.4	91.8	7.83	0.644

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	2.4	1	1.6	27.4	7.84	70.9	8.33	0.6
1	2.4	2	1.6	26.1	4.82	45.7	7.64	0.541
outlet	1	0.1		27	7.85	71.6	7.7	0.616

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	2.5	1	1.0	14.52	8.73	86.7	7.48	0.358
1	2.5	2	1.0	14.4	8.8	87.2	7.56	0.362
outlet	0.9	0.9		14.46	8.65	85.8	7.28	0.355

-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: Foxs Pond

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Municipality: ROCKAWAY BORO

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	0.034	0.442	0.469	0.066	1.25	45.000	117.500	2.27
outlet	0.033	0.449	0.470	0.065	2.14	40.000	119.200	2.34

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	0.041	0.651	0.019	0.009	16.38	80.000	130.300	3.0
outlet	0.037	0.667	0.046	0.033	12.88	72.000	134.200	2.14

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	0.039	0.668	0.320	0.032	43.08	50.000	84.908	4.48
outlet	0.031	0.608	0.331	0.040	37.06	48.000	81.332	3.76

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.