

AMBIENT LAKE MONITORING NETWORK

Lake Name: Green Pond

County: MORRIS

SiteID: NJW04459-109

Municipality: ROCKAWAY TWP

Surface to Bottom Profile

Season: Spring

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.4	1	4.4	15.68	9.63	99.8	7.35	0.089
1	4.4	2	4.4	15.63	9.67	100.1	7.76	0.089
1	4.4	3	4.4	15.57	9.67	100	8.47	0.088
1	4.4	4	4.4	15.14	10.5	107.6	9.13	0.09
2	6	1	6	15.78	9.56	99.3	8.04	0.088
2	6	2	6	15.8	9.46	98.3	8.05	0.088
2	6	3	6	15.59	9.5	98.2	7.93	0.088
2	6	4	6	15.41	9.5	97.9	7.89	0.088
2	6	5	6	15.41	9.65	99.5	7.9	0.088
3	3.7	1	3.7	16.36	9.12	95.9	7.66	0.089
3	3.7	2	3.7	16.23	9.18	96.2	7.53	0.089
3	3.7	3	3.7	15.91	9.48	98.7	7.53	0.088

Season: Summer

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.3	1	2.2	25.63	7.43	94.7	7.28	0.076
1	4.3	2	2.2	25.28	7.33	92.9	7.28	0.076
1	4.3	3	2.2	25.14	7.22	91.2	7.21	0.077
1	4.3	4	2.2	25	6.6	83.2	7.13	0.077
2	5.9	1	2.1	25.69	7.28	93	7.01	0.076
2	5.9	2	2.1	25.41	7.08	89.9	6.95	0.077
2	5.9	3	2.1	25.29	6.77	85.7	6.87	0.077
2	5.9	4	2.1	24.98	4.98	63.5	6.77	0.077
2	5.9	5	2.1	24.51	2.78	34.6	6.74	0.079
3	3.7	1	2.2	25.83	7.09	90.7	7.01	0.077
3	3.7	2	2.2	25.48	6.81	86.6	6.99	0.077
3	3.7	3	2.2	25.38	6.42	81.5	6.94	0.077

Season: Fall

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.1	1	4.1	20.79	7.25	83	7.12	0.066
1	4.1	2	4.1	20.44	7.3	83.1	7.02	0.066
1	4.1	3	4.1	20.35	7.25	82.3	6.95	0.066
1	4.1	4	4.1	20.26	6.42	72.8	6.81	0.066
2	5.9	1	5.0	20.72	7.42	84.9	6.68	0.066
2	5.9	2	5.0	20.59	7.43	84.9	6.68	0.066
2	5.9	3	5.0	20.52	7.34	83.7	6.7	0.066
2	5.9	4	5.0	20.49	7.37	84	6.7	0.066
2	5.9	5	5.0	20.43	7.28	82.8	6.7	0.066
3	3.7	1	3.7	20.78	7.49	85.8	6.7	0.066
3	3.7	2	3.7	20.61	7.23	82.5	6.69	0.066
3	3.7	3	3.7	20.53	7.05	80.4	6.66	0.066

-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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SiteID: NJW04459-109

Municipality: ROCKAWAY TWP

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	0.019	0.184	0.150	0.014	1.5	15.000	15.323	0.57
2	0.013	0.193	0.177	0.006	1.4	5.100	15.348	0.64
3	0.014	0.186	0.154	0.005	1.8	20.000	15.373	0.91

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	0.022	0.260	0.033	0.006	10.8	9.200	16.041	1.14
2	0.018	0.248	0.028	0.006	9.7	9.200	16.091	1.15
3	0.023	0.295	0.031	0.006	8.2	9.200	16.041	1.27

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	0.015	0.273	0.036	0.006	5.44	8.000	13.611	0.81
2	0.016	0.269	0.022	0.006	4.86	7.000	13.395	0.68
3	0.015	0.227	0.022	0.006	7.19	6.000	13.286	0.97

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.