

AMBIENT LAKE MONITORING NETWORK

Lake Name: Deer Park Pond

County: Warren

SiteID: NJW04459-009

Municipality: Allamuchy Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/6/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.067	0.403	0.012	0.01	33.38	28	33.3	4.94
2	0.019	0.295	0.012	0.01	6.36	30	32.5	1.23
2A	0.043	0.403	0.012	0.01	38.76	41	32.9	3.46

Season: Summer

Date sampled: 8/3/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.026	0.412	0.0114	0.0108	6.6	ND	38	1.01
2	0.026	0.391	0.00716	0.0182	7.3	ND	37.3	1.6

Season: Fall

Date sampled: 10/5/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.03	0.32	0.0134	0.0934	5.19	27	36	0.98
2	0.029	0.354	0.0133	0.0772	4.7	19	36.5	1.20

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.

AMBIENT LAKE MONITORING NETWORK

Lake Name: Deer Park Pond

County: Warren

SiteID: NJW04459-009

Municipality: Allamuchy Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/6/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.1	1	1.5	19.69	8.48	96.4	6.04	0.06
1	2.1	2	1.5	15.31	0.65	6.8	6.16	0.088
2	2.7	1	2.6	20.21	8.19	94	6.46	0.061
2	2.7	2	2.6	15.21	9.64	99.9	6.64	0.059
2A	2.7	2.5	2.6	14.44	6.68	67.7	6.58	0.061

Season: Summer

Date sampled: 8/3/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2	1	1.5	24.79	2.5	30.8	6.55	0.072
2	2.7	1	2.3	25.14	4.56	56.7	6.64	0.071
2	2.7	2	2.3	25.07	4.33	53.7	6.58	0.072

Season: Fall

Date sampled: 10/5/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.9	1	1.9	14.73	5.11	52	7.57	0.076
2	2.7	1	2.7	15.51	6	62	7.43	0.076
2	2.7	2	2.7	15.49	5.86	60.6	7.35	0.077

-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.