

AMBIENT LAKE MONITORING NETWORK

Lake Name: Indian Lake

County: Morris

SiteID: NJW04459-031

Municipality: Denville Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/29/2010

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	0.016	0.379	0.258	0.0269	7.94	80	62.5	3.73
2	0.019	0.303	0.302	0.00815	12.06	51	62.9	4.20
3	0.017	0.339	0.319	0.01	14.78	30	61.5	3.91

Season: Summer

Date sampled: 8/2/2010

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	0.041	0.487	0.00704	0.0115	17.34	ND	74.5	5.26
2	0.04	0.521	0.00753	0.0114	25.26	ND	74.2	5.74
3	0.049	0.543	0.012	0.0281	20.78	ND	75.3	4.68

Season: Fall

Date sampled: 9/29/2010

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	0.021	0.365	0.014	0.0204	3.97	27	76.8	1.54
2	0.015	0.493	0.0269	0.0404	5.31	32	78.2	1.99
3	0.033	0.424	0.0112	0.0284	5.09	39	80.6	2.03

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: Indian Lake

County: Morris

SiteID: NJW04459-031

Municipality: Denville Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/29/2010

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	1.6	12.15	8.67	82.5	6.54	0.323
2	1.5	1	1.5	12.27	9.34	89	6.77	0.315
3	1	0.5	1	12.81	9.42	91	6.91	0.312

Season: Summer

Date sampled: 8/2/2010

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	1.4	25.93	5.45	67.7	6.76	0.338
2	1.5	1	1.1	25.79	6.43	79.7	6.84	0.337
3	0.9	0.5	0.8	26.35	5.73	71.8	6.94	0.334

Season: Fall

Date sampled: 9/29/2010

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	21.05	5.59	63.8	7.9	0.33
2	1.4	1	1.4	20.65	6.12	69.2	7.58	0.331
3	0.9	0.5	0.9	21.01	6.88	78.4	7.37	0.331

-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.