

AMBIENT LAKE MONITORING NETWORK

Lake Name: Gardners Pond
SiteID: NJW04459-075

County: Sussex
Municipality: Andover Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/26/2011

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	0.025	0.42	0.02	0.01	5.3	72	175	1.75

Season: Summer

Date sampled: 8/2/2011

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	0.014	0.36	0.02	0.01	3.31	151	181	0.93
1A	0.027	ANR	ANR	ANR	19.79	ANR	211	13.0

Season: Fall

Date sampled: 10/18/2011

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	ND	0.279	0.0127	0.01	9	ND	158	1.63
1A	ND	1.01	0.0126	0.525	26.07	125	212	4.07

Sample Device - Horizontal Polycarbonate Sampler; a blank parameter result means the parameter could not be analyzed due to a lab error.
"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.
"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

AMBIENT LAKE MONITORING NETWORK

Lake Name: Gardners Pond

County: Sussex

SiteID: NJW04459-075

Municipality: Andover Twp

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/26/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	9.6	1	2.5	21.06	6.54	75.2	7.89	0.424
1	9.6	2	2.5	19	6.63	72.7	7.97	0.424
1	9.6	3	2.5	15.24	6.9	70.4	8.06	0.424
1	9.6	4	2.5	11.2	11.53	107.6	8.41	0.417
1	9.6	5	2.5	7.98	11.86	100.5	8.51	0.422
1	9.6	6	2.5	6.62	7.4	57.9	8.45	0.425
1	9.6	7	2.5	6.06	0.96	7.9	8.33	0.43
1	9.6	8	2.5	5.8	0.5	4	8.25	0.438
1	9.6	9	2.5	5.37	0.32	2.5	8.18	0.444

Season: Summer

Date sampled: 8/2/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	9.1	1	4.0	27.94	4.84	63	7.43	0.498
1	9.1	2	4.0	26.41	2.78	35.2	7.32	0.503
1	9.1	2.9	4.0	22.16	7.23	84.7	7.5	0.506
1	9.1	4	4.0	16.6	10.76	112.7	7.92	0.502
1	9.1	5.1	4.0	11.9	7.36	69.5	7.93	0.499
1	9.1	6	4.0	9.21	0.68	6	7.88	0.483
1	9.1	7	4.0	7.08	0.34	2.9	7.88	0.548
1A	9.1	8.1	4.0	5.8	0.21	1.8	7.84	0.545

Season: Fall

Date sampled: 10/18/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	9.4	1	3.1	15.02	4.9	49.6	7.85	0.391
1	9.4	2	3.1	14.93	4.78	48.3	7.87	0.391
1	9.4	3	3.1	14.82	4.47	45	7.91	0.392
1	9.4	4	3.1	14.69	3.84	38.6	7.96	0.394
1	9.4	5	3.1	14.23	2.68	26.7	8.01	0.403
1	9.4	6	3.1	12.16	0.21	2	8.14	0.479
1	9.4	7	3.1	9.47	0.26	2.3	8.33	0.518
1	9.4	9	3.1	6.96	0.66	5.5	8.79	0.517
1A	9.4	8	3.1	7.76	0.38	3.4	8.55	0.52

"B" indicates secchi can be seen at the Bottom of lake; "P" indicates secchi depth was Obscured, typically (but not always) by plants.

-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.