

AMBIENT LAKE MONITORING NETWORK

Lake Name: Watchu Pond
SiteID: NJW04459-233

County: Sussex
Municipality: Byram Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/24/2010

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	0.023	0.377	0.012	0.01	4.59	ND	45.7	1.39
2	0.016	0.402	0.012	0.01	5.16	ND	47.2	1.69
3	0.03	0.637	0.012	0.01	9.24	ND	37.3	2.25

Season: Summer

Date sampled: 8/11/2010

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	0.039	0.482	0.00922	0.0156	12.62	ND	58.6	1.69
2	0.046	0.484	0.0107	0.0154	7.34	ND	59.3	1.36
3	0.043	0.631	0.0105	0.0161	4.83	ND	60.4	1.7

Season: Fall

Date sampled: 10/6/2010

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	0.043	0.377	0.0132	0.0224	5.79	30	51.3	0.82
2	0.038	0.401	0.0147	0.0438	5.77	36	51.5	0.86
3	0.035	0.492	0.0112	0.0363	8.28	45	48.5	1.69

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: Watchu Pond

County: Sussex

SiteID: NJW04459-233

Municipality: Byram Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/24/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.0	1	2.0	20.55	8.26	92.9	6.95	0.094
2	1.2	0.6	1.2	20.7	7.35	83	6.69	0.101
3	0.9	0.5	0.9	21.08	10.51	119.5	6.45	0.077

Season: Summer

Date sampled: 8/11/2010

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	1.7	26.93	7.01	90	6.82	0.108
2	1	0.5	0.7	26.83	4.63	59.6	6.55	0.108
3	0.7	0.4	0.7	25.24	0.44	5.5	5.98	0.111

Season: Fall

Date sampled: 10/6/2010

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	2.1	14.45	6.41	64.5	6.48	0.103
1	2.1	2	2.1	15.15	0.39	4	6.31	0.258
2	1.1	0.5	1.1	13.69	5.69	56.3	6.29	0.112
3	0.9	0.5	0.9	13.43	2.95	29	5.84	0.096

-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.