

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lower Lake

County: Ocean

SiteID: NJW04459-068

Municipality: Lacey Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 3/30/2011

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	0.03	0.15	0.111	0.0256	1.75	1	7	2.21
2	0.039	0.152	0.124	0.0236	2.42	1	7.2	1.87

Season: Summer

Date sampled: 6/14/2011

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	0.026	0.36	0.03	0.043	7.28	1	6.26	4.27
2	0.037	0.5	0.02	0.047	35.3	1	6.26	4.52

Season: Fall

Date sampled: 9/14/2011

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	0.493	0.0465	0.0859	2.73	1	7.96	2.81
2	ND	0.491	0.0336	0.0388	4.92	1	8.31	1.66

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: Lower Lake

County: Ocean

SiteID: NJW04459-068

Municipality: Lacey Twp

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 3/30/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	1	B	6.87	8.53	68.3	3.93	0.07
2	0.9	0.5	B	7.83	10.14	84.2	4.18	0.072

Season: Summer

Date sampled: 6/14/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.5	B	22.69	4.29	49.5	4.52	0.073
1	1.4	0.7	B	22.42	5.85	67.7	4.38	0.073
2	0.9	0.5	P	22.69	4.29	49.5	4.52	0.073

Season: Fall

Date sampled: 9/14/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.7	1	0.6	23	4.09	47.3	4.13	0.072
2	0.8	0.4	P	24.25	4.12	48.8	4.18	0.07

"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.