

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Manetta

County: Ocean

SiteID: NJW04459-034

Municipality: Lakewood Twp

## Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/15/2010

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	0.027	0.164	1.11	0.0603	1.26	9	25.7	5.05
2	0.023	0.311	0.743	0.0129	4.61	4	26.1	4.96

Season: Summer

Date sampled: 7/19/2010

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	0.029	0.311	0.888	0.0305	4.21	5	21.3	4.19
2	0.036	0.502	0.263	0.0172	11.8	6	24.8	3.88

Season: Fall

Date sampled: 9/8/2010

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	0.019	0.193	1.05	0.0502	6.59	6	21.5	4.14
2	0.028	1.07	0.491	0.341	36.9	12	25.5	10.5

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: Lake Manetta

County: Ocean

SiteID: NJW04459-034

Municipality: Lakewood Twp

## Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/15/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.3	0.6	1.3	12.98	8.27	77.5	5.46	0.152
2	1.8	1	1.5	14.39	9.01	87.1	5.81	0.15

Season: Summer

Date sampled: 7/19/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1	0.5	0.9	21.49	6.82	77.5	5.55	0.132
2	1.7	1	1.2	26.92	6.09	76.6	5.72	0.129

Season: Fall

Date sampled: 9/8/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1	0.5	1	19.56	8.57	93.8	5.68	0.142
2	1.6	1	P	22.39	8.35	96.7	6.36	0.155

-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.