

# AMBIENT LAKE MONITORING NETWORK

Lake Name: A. Clemente Inc. Pond

County: Salem

SiteID: NJW04459-048

Municipality: Carneys Point Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/11/2011

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	0.021	0.327	0.785	0.0726	2.29	ND	51.7	2.46
2	0.029	0.384	0.744	0.0845	3.4	4	51.9	3.90

Season: Summer

Date sampled: 6/22/2011

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	0.017	0.26	0.58	0.023	4.05	7	54	1.57
2	0.014	0.35	0.47	0.049	6.06	9	50.4	1.46

Season: Fall

Date sampled: 9/21/2011

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	0.497	0.301	0.0882	11.66	4	46.6	2.44
2	ND	0.415	0.261	0.0713	4.45	9	45.7	1.32

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:** A. Clemente Inc. Pond

**County:** Salem

**SiteID:** NJW04459-048

**Municipality:** Carneys Point Twp

## Surface to Bottom Profile

**Panel:** 2      **Round:** 2

**Season:** Spring

**Date sampled:** 4/11/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	7.9	1	3.5	11.66	10.1	93.5	7.78	0.22
1	7.9	2	3.5	11.6	10.14	93.6	7.76	0.22
1	7.9	3	3.5	11.5	10.23	94.3	7.77	0.22
1	7.9	4	3.5	10.9	10.31	93.8	7.75	0.219
1	7.9	5	3.5	10	10.08	89.7	7.76	0.22
1	7.9	6	3.5	9.89	9.88	87.8	7.73	0.22
1	7.9	7	3.5	9.77	9.5	84.2	7.71	0.22
2	1.8	1	1.7	12.01	9.75	90.8	8.17	0.219

**Season:** Summer

**Date sampled:** 6/22/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	8.1	1	5.3	26.68	7.88	98.2	7.31	0.222
1	8.1	2	5.3	26.46	7.85	97.5	7.32	0.222
1	8.1	3	5.3	26.31	7.77	96.1	7.31	0.221
1	8.1	4	5.3	25.58	8.92	109.1	7.33	0.224
1	8.1	5	5.3	22.59	12.97	150	7.37	0.229
1	8.1	6	5.3	19.26	12.86	139.2	7.39	0.229
1	8.1	7	5.3	16.79	9.06	93.2	7.33	0.231
1	8.1	8	5.3	15.4	3.82	38.2	7.16	0.236
2	1.8	1	B	26.95	7.11	89.2	7.6	0.221

**Season:** Fall

**Date sampled:** 9/21/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	8.1	1	3	22.31	6.91	78.3	7.57	0.204
1	8.1	2	3	22.13	6.67	75.3	7.42	0.203
1	8.1	3	3	22.1	6.68	75.4	7.37	0.203
1	8.1	4	3	22.07	6.73	75.9	7.35	0.203
1	8.1	5	3	22.04	6.42	72.4	7.22	0.203
1	8.1	6	3	21.96	6.13	68.9	7.18	0.203
1	8.1	7	3	21.84	5.84	65.6	7.14	0.204
2	1.7	1	B	21.34	7.42	82.5	9.11	0.2

"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.