

AMBIENT LAKE MONITORING NETWORK

Lake Name: Pickerel Lake

County: Ocean

SiteID: NJW04459-008

Municipality: Jackson 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	0.018	0.119	0.0109	0.01	2.38	3	4.35	2.00
2	0.017	0.183	0.0105	0.0143	2.34	1	4.3	2.23

Season: Summer

Date sampled: 7/21/2010

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	0.015	0.201	0.0107	0.0152	3.91	2	4.74	1.57
2	0.015	0.295	0.0119	0.00966	4.64	1	4.69	1.90

Season: Fall

Date sampled: 9/21/2010

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	0.022	0.3	0.012	0.0154	5.24	3	4.95	1.25
2	0.02	0.386	0.012	0.0156	15.49	2	5.2	1.28

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: Pickerel Lake

County: Ocean

SiteID: NJW04459-008

Municipality: Jackson 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	1.8	1	1.8	15.68	7.36	73.6	4.91	0.022
2	1.3	0.6	1.3	16.03	7.7	77.5	4.87	0.022

Season: Summer

Date sampled: 7/21/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	1.5	29.48	6.11	80.1	4.98	0.025
2	1.1	0.5	1.1	29.36	6.33	82.8	4.84	0.025

Season: Fall

Date sampled: 9/21/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.1	0.5	1.1	20.36	7.24	79.7	5.34	0.024
2	0.5	0.2	0.5	19.31	7.75	83.6	5.28	0.024

-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.