

AMBIENT LAKE MONITORING NETWORK

Lake Name: Watchung Lake

County: Somerset

SiteID: NJW04459-245

Municipality: Watchung Boro

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/7/2011

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	0.624	0.00609	0.00902	7.06	ND	9.13	2.89

Season: Summer

Date sampled: 6/9/2011

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	0.053	0.54	0.13	0.098	8.56	55	140	3.11

Season: Fall

Date sampled: 9/30/2011

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	0.046	0.583	0.427	0.042	22.16	22	118	18.5

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: Watchung Lake

County: Somerset

SiteID: NJW04459-245

Municipality: Watchung Boro

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/7/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	1	1	9.26	10.35	90.2	7.83	0.591

Season: Summer

Date sampled: 6/9/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	B	24.71	6.57	79.9	7.64	0.469

Season: Fall

Date sampled: 9/30/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	0.6	19.29	6.16	67.2	7.71	0.292

"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.