

AMBIENT LAKE MONITORING NETWORK

Lake Name: Shadow Lake

County: Burlington

SiteID: NJW04459-065

Municipality: Shamong Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/26/2011

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	0.052	0.795	0.358	0.0658	15.79	1	23.3	4.48

Season: Summer

Date sampled: 7/12/2011

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	0.173	0.99	0.02	0.013	62.96	4	28.3	4.24

Season: Fall

Date sampled: 10/4/2011

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	0.048	0.64	0.0691	0.0113	4.44	1	23.2	1.12

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: Shadow Lake

County: Burlington

SiteID: NJW04459-065

Municipality: Shamong Twp

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/26/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.9	0.5	B	20.24	5.64	62.3	4.96	0.125

Season: Summer

Date sampled: 7/12/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.1	0.5	0.6	25.78	3.9	48	4.8	0.135

Season: Fall

Date sampled: 10/4/2011

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	0.9	14.82	2.35	23.1	4.64	0.123

"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.