

AMBIENT LAKE MONITORING NETWORK

Lake Name: Bowlby Pond

County: Morris

SiteID: NJW04459-062

Municipality: Dover Town

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/25/2011

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	0.058	1.3	0.09	0.391	2.25	40	54.5	4.69

Season: Summer

Date sampled: 8/24/2011

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	0.112	1.13	0.0216	0.0636	42.86	ANR	58.8	5.26

Season: Fall

Date sampled: 10/20/2011

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	0.045	0.931	0.056	0.213	5.45	42	67	6.31

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: Bowlby Pond

County: Morris

SiteID: NJW04459-062

Municipality: Dover Town

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/25/2011

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	B	16.76	1.81	19.1	7.24	0.303

Season: Summer

Date sampled: 8/24/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1	0.5	0.8	20.64	2.52	28.5	7.91	0.284

Season: Fall

Date sampled: 10/20/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.2	0.6	0.9	14.77	3.43	33.9	8.43	0.282

"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.