

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Mecca Lake

County: Sussex

SiteID: NJW04459-059

Municipality: Hampton Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 6/3/2011

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	0.032	0.37	0.02	0.01	13.23	3	13	1.74

Season: Summer

Date sampled: 8/17/2011

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	0.455	0.0268	0.0129	10.58	ANR	14.1	1.13

Season: Fall

Date sampled: 11/9/2011

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	ND	0.291	0.0308	0.00736	13.32	3	11.7	1.01

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: Mecca Lake

County: Sussex

SiteID: NJW04459-059

Municipality: Hampton Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 6/3/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.5	1	2.1	21.65	6.82	79.6	5.43	0.043
1	2.5	2	2.1	15.43	2.93	30	5.19	0.044

Season: Summer

Date sampled: 8/17/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.4	1	1.7	21.77	4.86	56.3	7.75	0.054
1	2.4	2	1.7	20.3	0.94	10.6	7.24	0.059

Season: Fall

Date sampled: 11/9/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.3	1	B	7.14	8.33	70.4	5.31	0.036
1	2.3	2	B	6.65	7.98	66.6	5.31	0.037

"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.