

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Moss Mill Lake

County: Atlantic

SiteID: NJW04459-027

Municipality: Galloway Twp

## Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 3/25/2010

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	0.024	0.277	0.202	0.0222	2.54	20	11.9	1.7
2	0.016	0.336	0.232	0.0196	2.67	1	11.9	1.78

Season: Summer

Date sampled: 6/10/2010

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	0.032	0.895	0.0815	0.01	48.34	2	13.6	7.66
2	0.022	0.566	0.112	0.0794	1.75	2	13.3	1.76

Season: Fall

Date sampled: 9/1/2010

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	ND	0.283	0.00943	0.0206	1.3	1	11.6	0.72
2	ND	0.273	0.012	0.038	2.04	1	11.4	0.68

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: Moss Mill Lake

County: Atlantic

SiteID: NJW04459-027

Municipality: Galloway Twp

## Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 3/25/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.3	0.6	1.3	12.21	7.72	71.9	4.44	0.09
2	1.2	0.6	1.2	11.82	7.82	72.2	4.8	0.088

Season: Summer

Date sampled: 6/10/2010

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		20.69	6.29	70.2	4.8	0.087
2	1.1	0.5	1.1	19.77	5.31	58.2	4.85	0.087

Season: Fall

Date sampled: 9/1/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1	0.5	1	27.45	6.91	87.3	4.7	0.105
2	1.1	0.5	1.1	26.37	7.48	92.6	4.71	0.107

-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.