

AMBIENT LAKE MONITORING NETWORK

Lake Name: Vincentown Millpond

County: Burlington

SiteID: NJW04459-015

Municipality: Southampton Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/12/2010

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	0.087	0.714	0.0426	0.0416	4.98	2	13.3	3.12
2	0.085	0.619	0.199	0.041	5.08	3	12.8	3.2

Season: Summer

Date sampled: 6/28/2010

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	0.167	0.636	0.012	0.0317	19.1	1	12.7	5.43
2	0.178	0.61	0.012	0.0125	26.33	1	12.8	5.30

Season: Fall

Date sampled: 9/15/2010

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	0.086	0.441	0.0269	0.054	10.5	4	13.9	4.91
2	0.07	0.426	0.0174	0.0141	20.43	ND	14.1	5.06

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: Vincentown Millpond

County: Burlington

SiteID: NJW04459-015

Municipality: Southhampton Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/12/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.6	1	1	15.61	6.41	63.5	4.93	0.099
2	1.6	1	1	15.84	6.25	62.3	4.8	0.092

Season: Summer

Date sampled: 6/28/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.2	0.6	0.8	27.28	3.09	39.3	4.92	0.086
2	1.4	0.7		26.92	2.74	34.7	4.82	0.085

Season: Fall

Date sampled: 9/15/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	0.9	18.59	5.71	60.6	5.39	0.078
2	1.4	0.7	1	20.04	5.97	65.3	5.43	0.079

-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.