

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Stockholm
SiteID: NJW04459-021

County: Sussex
Municipality: Hardyston Twp

Lake Profile Raw Data

Panel: 1 **Round:** 2

Season: Spring

Date sampled: 5/17/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.019	0.291	0.0318	0.01	4.64	25	60.9	2.12
2	0.028	0.316	0.0385	0.01	2.69	42	62.5	1.36

Season: Summer

Date sampled: 8/10/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.053	0.394	0.0112	0.0178	13.17	ND	80.6	2.51
2	0.056	0.344	0.00867	0.0192	13.46	ND	80.9	2.26

Season: Fall

Date sampled: 10/27/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.026	0.374	0.021	0.01	6.42	54	79.7	1.35
2	0.021	0.384	0.0284	0.01	9.49	42	79.5	1.40

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: Lake Stockholm

County: Sussex

SiteID: NJW04459-021

Municipality: Hardyston Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/17/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	1	1.7	17.58	12.51	135.4	9.28	0.288
2	4.0	1	3.9	17.11	9.98	106.8	8.06	0.288
2	4.0	2	3.9	15.87	11.01	114.8	8.6	0.286
2	4.0	3	3.9	13.95	11.55	115.6	8.93	0.286

Season: Summer

Date sampled: 8/10/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.6	1	1.6	27.01	7.4	96.6	8.17	0.425
2	3.9	1	1.9	26.95	7.46	97.2	7.76	0.425
2	3.9	2	1.9	26.33	6.4	82.5	7.75	0.425
2	3.9	3	1.9	25.7	3.85	49.1	7.52	0.425

Season: Fall

Date sampled: 10/27/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.7	1	1.7	14.07	10.27	104.1	8.12	0.416
2	4.2	1	4.0	14.82	10.07	103.7	8.15	0.416
2	4.2	2	4.0	14.79	10.13	104.2	8.13	0.416
2	4.2	3	4.0	12.68	10.32	101.4	8.14	0.417
2	4.2	4	4.0	11.81	7.83	75.4	8	0.417

-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.