

AMBIENT LAKE MONITORING NETWORK

Lake Name: Saginaw Lake

County: Sussex

SiteID: NJW04459-064

Municipality: Sparta Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/10/2011

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	0.29	0.02	0.013	8	ANR	ANR	1.95

Season: Summer

Date sampled: 7/28/2011

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	0.042	0.44	0.02	0.01	15.09	75	90.4	2.12

Season: Fall

Date sampled: 10/13/2011

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	0.295	0.0217	0.01	32.23	62	70.8	2.30

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: Saginaw Lake

County: Sussex

SiteID: NJW04459-064

Municipality: Sparta Twp

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/10/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	3.4	1	2.3	16.72	9.04	96.2	7.81	0.391
1	3.4	2	2.3	13.85	9.02	90.4	7.68	0.385
1	3.4	3	2.3	11.59	9.17	86.6	7.74	0.374

Season: Summer

Date sampled: 7/28/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	3.4	1	1.9	26.24	9	114.5	7.57	0.504
1	3.4	2	1.9	25.14	5.78	72.1	7.5	0.517
1	3.4	3	1.9	20.45	1.6	17.3	7.45	0.46

Season: Fall

Date sampled: 10/13/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.7	1	1.7	15.45	8.91	93.4	8.52	0.328
1	2.7	2	1.7	14.24	7.91	80.1	8.69	0.339

"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.