

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Ashroe

County: Sussex

SiteID: NJW04459-013

Municipality: Sandyston Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/20/2010

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	0.04	0.303	0.012	0.01	3.71	8	23.4	1.84
2	0.048	0.282	0.012	0.0116	5.08	15	24	1.72

Season: Summer

Date sampled: 8/12/2010

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	0.039	0.434	0.00696	0.0186	23.86	ND	26.3	3.75

Season: Fall

Date sampled: 10/21/2010

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	0.035	0.332	0.00722	0.01	5.97	20	24.4	1.22
2	0.043	0.363	0.00783	0.01	14.82	15	23.9	2.33

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 Ashroe

County: Sussex

SiteID: NJW04459-013

Municipality: Sandyston Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/20/2010

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	2.3	16.89	8.38	88.8	7.05	0.056
1	2.3	2	2.3	16.65	8.53	90	7.04	0.056
2	3.3	1	3.1	16.73	8.78	92.8	7.18	0.06
2	3.3	2	3.1	16.32	8.59	90	7.16	0.061
2	3.3	3	3.1	15.14	12.42	126.9	8.61	0.063

Season: Summer

Date sampled: 8/12/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.1	1	1.1	27.31	6.65	86.4	7.15	0.076

Season: Fall

Date sampled: 10/21/2010

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	2.4	11.53	9.53	91	8.09	0.055
1	2.4	2	2.4	11.55	9.59	91.6	7.83	0.055
2	3.4	1	2.4	12.34	8.55	83.1	7.79	0.057
2	3.4	2	2.4	12.22	8.52	82.6	7.67	0.057
2	3.4	3	2.4	12.21	8.45	81.9	7.58	0.057

-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.