

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Ioscoe

County: Passaic

SiteID: NJW04459-019

Municipality: Bloomingdale Boro

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/25/2010

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	ND	0.29	0.012	0.01	5.61	19	31.5	2.22
2	0.01	0.286	0.012	0.01	6.46	35	32.2	2.27
3	0.013	0.286	0.012	0.01	7.49	20	32.3	2.73

Season: Summer

Date sampled: 8/18/2010

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	0.051	0.783	0.0487	0.236	18.11	35	39.4	2.59
2	0.063	0.779	0.0543	0.215	20.55	49	38.8	2.89
3	0.131	0.986	0.0593	0.202	58.07	ND	39.3	4.88

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 Ioscoe

County: Passaic

SiteID: NJW04459-019

Municipality: Bloomingdale Boro

Surface to Bottom Profile

Panel: 1 **Round:** 2

Season: Spring

Date sampled: 5/25/2010

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	2.9	1	2.0	21.6	8.69	98.4	6.65	0.113
1	2.9	2	2.0	18.91	9.98	107.2	6.82	0.112
2	3.1	1	2.1	21.78	8.72	99.1	6.84	0.112
2	3.1	2	2.1	19.37	9.86	106.8	7	0.112
2	3.1	3	2.1	17.64	0.99	10.3	6.71	0.123
3	2.0	1	1.7	21.47	9.15	103.3	6.71	0.111
3	2.0	2	1.7	18.56	1.1	11.8	6.56	0.178

Season: Summer

Date sampled: 8/18/2010

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	2.8	1	1.9	26.02	6.04	74.9	7.13	0.141
1	2.8	2	1.9	25.34	0.85	10.3	6.97	0.142
2	2.9	1	2.0	26.04	6.37	79	7.07	0.141
2	2.9	2	2.0	25.35	0.38	4.7	6.85	0.141
3	1.9	1	1.4	26.06	5.28	65.4	6.98	0.141

-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.