

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cold Spring Lake

County: Passaic

SiteID: NJW04459-237

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	0.0959	0.00835	0.01	1.84	45	21.6	0.9

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	0.028	0.226	0.00942	0.00794	8.74	15	23.4	1.31

Season: Fall

Date sampled: 10/26/2010

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	0.061	0.783	0.00768	0.01	2.69	65	113	0.75

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: Cold Spring Lake

County: Passaic

SiteID: NJW04459-237

Municipality: Bloomingdale Boro

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/25/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	3.2	1		20.87	8.85	99.2	6.81	0.109
1	3.2	2		18.79	9.47	102.1	6.8	0.107
1	3.2	3		17.36	7.87	82.4	6.78	0.109

Season: Summer

Date sampled: 8/18/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	3.3	1	3.1	26.04	7.21	89.2	7.02	0.127
1	3.3	2	3.1	25.67	6.68	82.2	6.99	0.127
1	3.3	3	3.1	24.5	0.32	3.9	6.64	0.133

Season: Fall

Date sampled: 10/26/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	3.2	1	3.2	13.85	8.96	89.8	7.75	0.153
1	3.2	2	3.2	12.5	8.92	86.7	7.66	0.153
1	3.2	3	3.2	12.34	7.4	71.9	7.54	0.153

-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.