

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cooper River Lake

County: Camden

SiteID: NJW04459-047

Municipality: Collingswood Boro

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/21/2011

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	0.388	0.805	0.474	0.194	7.63	21	76.1	29.3
2	0.221	0.623	0.436	0.238	11.52	45	64.2	24.6
3	0.205	0.637	0.396	0.194	12.68	30	54.2	24.8

Season: Summer

Date sampled: 7/14/2011

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	0.365	1.5	0.21	0.022	66.54	33	74.5	32.6
2	0.144	1.4	0.04	0.01	81.4	26	50.4	15.8
3	0.134	1.2	0.06	0.01	74.41	24	44.3	14.9

Season: Fall

Date sampled: 11/7/2011

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	0.159	0.421	0.513	0.115	15.06	28	87.6	17.4
2	0.134	0.524	0.45	0.145	23.26	30	79.2	11.3
3	0.121	0.523	0.411	0.102	29.23	28	60.7	7.64

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: Cooper River Lake

County: Camden

SiteID: NJW04459-047

Municipality: Collingswood Boro

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/21/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.3	0.1	B	15.94	7.32	73.4	7.16	0.351
2	1.5	1	0.5	14.46	7.92	76.9	7.34	0.318
3	1.8	1	0.5	14.31	7.58	73.4	7.41	0.266

Season: Summer

Date sampled: 7/14/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.5	0.3	0.4	27.12	6.91	86.2	6.33	0.309
2	1.6	1	0.6	27.02	8.94	111.6	7.65	0.237
3	1.8	1	0.7	27.11	9.74	121.7	8.45	0.211

Season: Fall

Date sampled: 11/7/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.6	0.3	B	8.93	7.99	67.8	8.12	0.343
2	1.6	1	0.9	9.37	8.15	69.9	7.73	0.327
3	1.9	1	1.1	9.33	8.34	71.4	7.57	0.291

"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.