AMBIENT LAKE MONITORING NETWORK

Lake Name: Chesler Lake **County:** Morris

SiteID: NJW04459-051 **Municipality:** Roxbury Twp

Lake Profile Raw Data

Panel: 2 **Round:** 2

Season: Spring **Date sampled:** 5/2/2011

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	0.031	0.444	0.00878	0.01	28.04	62	161	3.57
1A	0.028	0.505	0.0104	0.01	24.93	49	173	4.8

Season: Summer **Date sampled:** 7/27/2011

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	0.044	0.27	0.02	0.01	3.95	107	158	1.26

Season: Fall **Date sampled:** 10/20/2011

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	0.017	0.3	0.0194	0.01	25.07	72	140	2.27

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 1, Methods.
"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

AMBIENT LAKE MONITORING NETWORK

Lake Name: Chesler Lake **County:** Morris

SiteID: NJW04459-051 **Municipality:** Roxbury Twp

Surface to Bottom Profile

Panel: 2 **Round:** 2

Season: Spring **Date sampled:** 5/2/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	7	1	1.5	16.41	12.07	125.8	8.46	0.5
1	7	2	1.5	15.77	12.94	132.7	8.65	0.5
1	7	3	1.5	11.52	12.52	117	8.62	0.509
1	7	4	1.5	10.16	10.85	98.1	8.53	0.514
1	7	5	1.5	8.91	6.56	57.5	8.29	0.528
1A	7	6	1.5	7.99	3.5	30.1	8.14	0.533

Season: Summer **Date sampled:** 7/27/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.5	1	3.7	28.1	7.71	100.9	8.37	0.553
1	4.5	2	3.7	28.05	7.69	100.5	8.41	0.552
1	4.5	3	3.7	27.39	7.56	97.7	8.42	0.556
1	4.5	4	3.7	21.29	7.15	82.5	8.2	0.597

Season: Fall **Date sampled:** 10/20/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	7.2	1	2	15.97	10.21	103.5	7.71	0.464
1	7.2	2	2	15.96	10.22	102.8	7.71	0.466
1	7.2	3	2	15.95	9.93	101.3	7.65	0.466
1	7.2	4.1	2	15.89	9.1	93.3	7.67	0.467
1	7.2	5	2	15.63	6.11	61.5	7.68	0.482
1	7.2	6	2	14.85	0.93	9.2	7.69	0.541
1	7.2	7	2	12.41	0.52	4.9	7.79	0.618

"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.