

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cedar Lake

County: Morris

SiteID: NJW04459-055

Municipality: Denville Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/12/2011

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	0.015	0.36	0.09	0.045	1.26	62	54.3	0.82
2	0.033	0.35	0.07	0.035	1.19	47	54.8	1.2

Season: Summer

Date sampled: 8/11/2011

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	0.023	0.368	0.0517	0.0195	10.77	ANR	57	1.35
2	0.025	0.42	0.0288	0.0263	7.08	ANR	55.8	1.21

Season: Fall

Date sampled: 10/25/2011

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	ND	0.341	0.0499	0.0451	2.01	35	43.6	0.75
2	ND	0.419	0.0425	0.0479	1.48	22	45.7	0.69

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: Cedar Lake

County: Morris

SiteID: NJW04459-055

Municipality: Denville Twp

Surface to Bottom Profile

Panel: 2 **Round:** 2

Season: Spring

Date sampled: 5/12/2011

<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	3.7	1	B	19.34	8.61	95	7.73	0.327
1	3.7	2	B	19.13	8.58	94.2	7.74	0.327
1	3.7	3	B	18.91	8.73	95.5	7.76	0.326
2	1.7	1	B	19.69	9.93	110.4	7.6	0.328

Season: Summer

Date sampled: 8/11/2011

<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	3.5	1	3.3	27.2	6.34	81.1	8.13	0.314
1	3.5	2	3.3	26.96	6.22	79.3	7.78	0.314
1	3.5	3	3.3	26.88	6.16	78.4	7.66	0.315
2	1.7	1	B	26.8	5.6	71	7.44	0.314

Season: Fall

Date sampled: 10/25/2011

<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	3.5	1	B	14.03	8.04	79.6	7.94	0.271
1	3.5	2	B	13.94	8.04	79.4	7.92	0.27
1	3.5	3	B	13.5	8.23	80.5	7.89	0.269
2	1.5	1	B	13.71	8.27	81.3	8.41	0.27

"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.