

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cedarville Block Sand & Gravel Company Pond **County:** Cumberland

SiteID: NJW04459-025 **Municipality:** Lawrence Twp

Lake Profile Raw Data

Panel: 1 **Round:** 2

Season: Spring

Date sampled: 4/1/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.04	0.739	6.87	0.121	26.33	32	105	12.5
2	0.085	0.74	0.0139	0.088	22.34	35	106	15.1

Season: Summer

Date sampled: 6/16/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.024	0.543	6.05	0.0265	9.04	45	117	3.61
1A	0.046	0.981	5.2	0.194	30.44	38	117	8.18
2	0.018	0.445	6.22	0.0257	6.98	60	116	2.56
2A	0.085	0.673	5.91	0.0826	14.81	52	118	4.23

Season: Fall

Date sampled: 9/7/2010

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (mg/L)	<i>Hard</i> (mg/L)	<i>Turbidity</i> (NTU)
1	0.012	0.791	1.98	0.121	41.27	42	119	10.0
2	ND	0.699	2.2	0.0931	37.53	65	119	6.95

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: Cedarville Block Sand & Gravel Company Pond **County:** Cumberland
SiteID: NJW04459-025 **Municipality:** Lawrence Twp

Surface to Bottom Profile

Panel: 1 **Round:** 2

Season: Spring

Date sampled: 4/1/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	5	1	0.6	11.3	9.71	88.1	6.83	0.265
1	5	2	0.6	11.02	9.47	85.3	6.86	0.265
1	5	3	0.6	10.81	9.11	81.7	6.87	0.265
1	5	4	0.6	10.67	9.1	81.3	6.88	0.265
1	5	5	0.6	10.24	8.16	72.3	6.79	0.267
2	5.4	1	0.6	11.2	9.84	89.1	6.85	0.267
2	5.4	2	0.6	10.97	9.28	83.6	6.82	0.267
2	5.4	3	0.6	10.68	8.92	79.7	6.81	0.266
2	5.4	4	0.6	10.34	8.51	75.5	6.8	0.267
2	5.4	5	0.6	10.24	8.16	72.3	6.79	0.267

Season: Summer

Date sampled: 6/16/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.8	1	1.3	26.06	8.77	107.3	7.98	0.275
1	4.8	2	1.3	26.01	8.81	108	8.12	0.275
1	4.8	4	1.3	17.59	7.4	75.9	7.87	0.274
1A	4.8	3	1.3	22.54	16.04	184.3	8.33	0.269
2	5.3	1	1.5	26.07	8.78	107.8	7.08	0.277
2	5.3	2	1.5	25.94	9.3	114.8	7.53	0.278
2	5.3	3	1.5	22.81	17.28	200.2	8.02	0.276
2A	5.3	4	1.5	17.46	13.29	139.4	7.82	0.287

Season: Fall

Date sampled: 9/7/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	4.6	1	0.8	24.88	8.89	106	8.7	0.271
1	4.6	2	0.8	24.82	8.82	105.4	8.72	0.271
1	4.6	3	0.8	24.71	8.67	103.4	8.73	0.271
1	4.6	4	0.8	24.68	8.49	101.2	8.73	0.271
2	5.0	1	0.9	24.82	9.04	108	8.77	0.271
2	5.0	2	0.9	24.67	8.84	105.4	8.66	0.271
2	5.0	3	0.9	24.62	8.6	102.4	8.62	0.271
2	5.0	4	0.9	24.43	6.11	72.5	8.23	0.276

-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.