

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cedarville Block Sand & Gravel Company Pond **County:** CUMBERLAND
SiteID: NJW04459-025 **Municipality:** LAWRENCE TWP

Surface to Bottom Profile

Season: *Summer*

<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	4.7	0.9	1.9	29.89	9.4	124	8.88	0.27
1	4.7	1.8	1.9	29.64	9.65	126.5	8.93	0.27
1	4.7	2.7	1.9	28.78	9.97	128.7	8.76	0.269
1	4.7	3.6	1.9	28.13	9.86	125.9	8.2	0.271
1	4.7	4.6	1.9	25.64	2.32	28.3	6.46	0.29
2	4.9	0.9	2.1	29.86	9.26	121.9	8.94	0.27
2	4.9	1.8	2.1	29.67	9.51	124.7	8.95	0.27
2	4.9	2.7	2.1	28.9	10.94	141.5	9.04	0.268
2	4.9	3.6	2.1	27.89	12.52	159.2	8.26	0.27
2	4.9	4.6	2.1	24.97	6.37	77.6	6.45	0.272

Season: *Fall*

<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	4.4	0.9	0.9	23.79	4.58	53.9	7.05	0.274
1	4.4	1.8	0.9	23.79	4.39	51.7	7.05	0.273
1	4.4	2.7	0.9	23.78	4.46	52.5	7.08	0.274
1	4.4	3.6	0.9	23.76	4.3	50.7	7.03	0.275
2	4.4	0.9	1.2	23.84	5.08	60	7.16	0.275
2	4.4	1.8	1.2	23.84	5.03	59.3	7.16	0.275
2	4.4	2.7	1.2	23.81	4.96	58.4	7.17	0.275
2	4.4	3.6	1.2	23.79	5	58.9	7.2	0.274

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded because visibility was obscured by vegetation.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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SiteID: NJW04459-025 **Municipality:** LAWRENCE TWP

Lake Profile Raw Data

Season: Summer

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	< 38.41	0.382	3.15	0.03	14.2	48	102.3	3.82
2	< 38.41	0.428	3.3	0.029	14.4	45	104.1	3.09

Season: Fall

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	41.45	0.957	1.94	0.466	14.6	62	109.6	8.07
2	23.44	0.848	1.98	0.4	15.2	65	109.1	6.18

Sample Device - Horizontal Polycarbonate Sampler

"<" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume 1, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.