

AMBIENT LAKE MONITORING NETWORK

Lake Name: Indian Lake

County: MORRIS

SiteID: NJW04459-031

Municipality: DENVILLE TWP

Surface to Bottom Profile

Season: Summer

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	0.9	1.0	29.66	6.12	81.7	8.54	0.328
2	1.4	0.9	1.1	29.06	6.24	82.5	8.67	0.325
3	1.0	0.9	1.0	29.08	5.07	67	8.37	0.324
outlet	0.3	0.3		28.63	4.86	63.8	7.35	0.322

Season: Fall

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	0.9	1.8	19.78			8.44	0.327
1	1.8	1.5	1.8	19.76			8.57	0.327
2	1.4	0.9	1.4	20.12			8.86	0.324
3	1.0	0.6	1.0	20.53			8.08	0.326
outlet	0.2	0.2		21.02			7.72	0.332

-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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Lake Name: Indian Lake

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Lake Profile Raw Data

Season: Summer

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	< 38.41	0.402	<0.006	0.037	15.0	38	72.5	4.59
2	< 38.41	0.358	<0.006	0.023	14.4	39	74.3	4.68
3	< 38.41	0.467	<0.006	0.023	21.0	42	76.7	5.52
outlet	44.89	0.448	<0.006	0.025	16.4	40	72.4	4.02

Season: Fall

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	<10.37	0.475	<0.006	0.062	2.9	41	81	1.31
2	<10.37	0.508	<0.006	0.071	3.1	44	82.5	1.63
3	20.31	0.506	<0.006	0.08	6.9	45	83.5	2.51
outlet	24.96	0.508	<0.006	0.075	7.7	40	80	2.84

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.