

AMBIENT LAKE MONITORING NETWORK

Lake Name: Ledells Pond

County: MORRIS

SiteID: NJW04459-223

Municipality: MENDHAM 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	0.9	0.6	0.9	21.49	1.59	18.6	6.71	0.258
outlet	0.2	0.2		21.45	5.46	63.7	6.87	0.257

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	1.2	0.6		8.98	8.26	72.3	6.63	0.184
outlet	0.3	0.2		8.61	10.39	90.2	7.3	0.175

-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 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	57.09	0.329	0.271	0.087	21.6	62	100.4	4.27
outlet	31.58	0.187	0.319	0.053	7.4	142	99.9	2.58

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	59.88	0.479	0.58	0.026	9.4	36	63.7	15
outlet	45.57	0.468	0.583	0.023	4.9	34	60.6	12.6

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.