

AMBIENT LAKE MONITORING NETWORK

Lake Name: Millhurst Pond

County: MONMOUTH

SiteID: NJW04459-074

Municipality: MANALAPAN TWP

Surface to Bottom Profile

Season: Spring

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.6	0.5	0.6	12.72	8.54	80.6	6.59	0.19
2	1.2	1	0.9	14.71	7.63	75.2	6.52	0.179
outlet	0.5	0.5		16.33	9.07	92.5	6.95	0.182

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	0.5	0.2	0.5	28.17	4.45	56.8	6.86	0.233
2	1.2	0.5	1.1	28.93	6.37	82.5	7.21	0.222
outlet	0.1	0.1		29.18	6.12	79.5	7.2	0.224

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	0.6	0.3	0.5	20.39	7.38	84.4	7.41	0.211
2	1.5	1	1.1	18.86	4.45	48.4	7.07	0.176
outlet	0.1	0.1		23.41	7.2	85.5	7.11	0.201

-Secchi measurements are not recorded for outlets.

-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.

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Lake Name: Millhurst Pond
SiteID: NJW04459-074

County: MONMOUTH
Municipality: MANALAPAN TWP

Lake Profile Raw Data

Season: Spring

<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> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	0.026	0.375	0.937	0.098	6.4	12	33.380	8.28
2	0.032	0.545	0.683	0.100	13.1	13	31.920	10.9
outlet	0.026	0.359	0.716	0.089	6	12	31.934	9.1

Season: Summer

<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> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	0.049	0.386	0.546	0.032	6	17	41.247	7.69
2	0.016	0.545	0.534	0.033	4.9	19	41.249	4.16
outlet	0.028	0.639	0.566	0.066	3.2	14	41.489	5.34

Season: Fall

<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> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	0.051	0.436	0.896	0.084	10.4	15	37.244	10.1
2	0.04	0.384	0.667	0.048	6.9	14	34.177	6.31
outlet	0.032	0.352	0.690	0.049	3.9	14	34.418	4.83

Sample Device - Horizontal Polycarbonate Sampler

"ND" 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.