

AMBIENT LAKE MONITORING NETWORK

Lake Name: Bennetts Pond

County: OCEAN

SiteID: NJW04459-079

Municipality: JACKSON 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	1.2	1	1	13.25	8.49	81	5.98	0.11
2	1.8	1	1.2	14.3	8.02	78.4	6.04	0.109
outlet	0.7	0.4		14.64	9.94	97.8	6.15	0.109

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	0.5	0.5	22.56	2.04	23.7	5.87	0.115
2	1.6	1	0.5	23.07	4.18	49.2	6.03	0.127
outlet	0.5	0.3		25.67	6.88	84.5	6.68	0.12

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	0.5	1	19.13	6.26	68.3	6.35	0.115
2	1.5	1	1.2	19.51	6.25	68.7	6.37	0.111
outlet	0.2	0.2		19.81	7.5	83	6.57	0.111

-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 Profile Raw Data

Season: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.033	0.380	0.134	0.043	5	5	18.645	6.55
2	0.017	0.309	0.134	0.053	2.6	15	18.504	4.65
outlet	0.016	0.294	0.144	0.053	2.9	4	18.637	4.79

Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.059	0.620	0.266	0.035	13.5	12	28.545	20.5
2	0.048	0.522	0.246	0.020	33.6	6	27.670	16
outlet	0.047	0.673	0.211	0.014	48.4	12	27.329	16

Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.038	0.351	0.254	0.064	2.6	11	24.995	6.42
2	0.04	0.382	0.205	0.070	5.2	9	23.532	6.04
outlet	0.04	0.324	0.219	0.061	9.2	9	23.746	6.15

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.