

AMBIENT LAKE MONITORING NETWORK

Lake Name: Flamingo Lake

County: BURLINGTON

SiteID: NJW04459-071

Municipality: EVESHAM 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	0.5	1	15.98	8.39	84.7	6.79	0.127
outlet	0.2	0.2		16.18	8.41	85.4	6.66	0.128

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	0.5	0.5	27.98	7.08	90.2	6.83	0.088
outlet	0.2	0.2		27.52	6.92	87.4	6.61	0.089

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	0.9	0.5	0.9	19.73	8.11	87	6.27	0.102
outlet	0.1	0.1		20.91	8.34	91.6	5.96	0.102

-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	ND	0.326	1.000	0.045	3.3	9	18.838	3.51
outlet	0.006	0.330	1.030	0.042	3.7	9	18.863	4.3

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	0.021	0.694	0.268	0.013	62.1	12	19.269	8.22
outlet	0.027	0.865	0.257	0.016	62.9	12	19.485	9.75

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	ND	0.442	0.830	0.170	3	10	18.068	2.97
outlet	ND	0.400	0.779	0.183	2.9	10	18.011	3.4

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.