AMBIENT LAKE MONITORING NETWORK

Lake Name: **Pilgrim Lake** *County:* **BURLINGTON**

SiteID: **NJW04459-112** *Municipality:* **BASS RIVER 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	1.1	0.5	1.1	7.89	9.76	82.8	4.02	0.039
outlet	0.5	0.5		7.59	10.48	88.2	3.97	0.038

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	0.8	23.31	7.04	82.2	4.36	0.028
outlet	0.2	0.2		23.8	7.07	83.4	4.34	0.028

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	18.55	8.21	86.2	4.41	0.027
outlet	0.1	0.1		18.9	7.75	82	4.42	0.028

-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.

AMBIENT LAKE MONITORING NETWORK

Lake Name: **Pilgrim Lake**

SiteID: *NJW04459-112*

County: **BURLINGTON**

Municipality: **BASS RIVER TWP**

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	0.197	0.031	0.019	0.8	1.000	12.005	0.96
outlet	ND	0.167	0.030	0.023	0.8	1.000	3.185	0.98

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	0.017	0.222	0.161	0.006	1.4	1.000	2.569	.64
outlet	0.018	0.222	0.146	0.006	1.3	1.000	2.566	.58

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	0.070	0.024	0.006	1.89	1.000	2.661	0.59
outlet	ND	0.131	0.019	0.007	1.4	1.000	2.590	0.41

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.