AMBIENT LAKE MONITORING NETWORK

Lake Name: Pumping Station Pond **County:** CAPE MAY

SiteID: NJW04459-095 **Municipality:** MIDDLE 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	0.5	0.8	7.78	10.2	84.8	6.5	0.098
outlet	0.3	0.3		7.51	10.57	87.3	6.75	0.101

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	0.9	23.86	5.73	68.7	6.85	0.149
outlet	0.5	0.3		24.63	4.89	59.4	6.91	0.149

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	0.4	0.2	0.4	25.44	5.56	67.1	6.96	0.18
outlet	0.1	0.1		25.13	3.65	43.9	6.47	0.176

-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: Pumping Station Pond
County: CAPE MAY
SiteID: NJW04459-095
Municipality: MIDDLE 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	0.028	0.441	0.111	0.005	6.4	6.100	26.516	2.06
outlet	0.022	0.508	0.140	0.006	6	9.200	27.204	2.03

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	0.042	0.879	0.067	0.012	42.0	15.000	46.686	4.12
outlet	ND	0.765	0.066	0.022	18.0	26.000	45.939	1.83

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	0.02	0.613	0.011	0.027	10.86	45.000	58.940	1.63
outlet	0.018	0.724	0.026	0.050	8.39	25.000	56.531	0.73

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.