

AMBIENT LAKE MONITORING NETWORK

Lake Name: Stafford Forge Lake

County: OCEAN

SiteID: NJW04459-190

Municipality: EAGLESWOOD 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	1.4	0.7	1.4	10.05	9.26	81.9	4.36	0.033
2	0.8	0.4	0.8	10.1	9.24	81.9	4.51	0.032

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	1.3	0.6	1.3	20.15	6.11	66.9	4.46	0.034
2	0.9	0.5	0.9	20.13	4.87	53.3	4.59	0.032

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	1.1	0.5	1.1	19.46	5.64	61.4	3.91	0.053
2	0.8	0.4	0.7	19.56	4.99	54.4	4.2	0.043

-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	0.013	0.154	0.0103	0.0017	0.69	2	3.25	0.81
2	ND	0.189	0.00510	0.0017	1.07	1	3.39	0.3

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	ND	0.349	0.006	0.013	1.04	1	3.23	0.9
2	0.02	0.351	0.006	0.008	1.74	3	3.52	0.93

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	0.377	0.0063	0.0504	0.94	1.0	5.16	1.04
2	ND	0.0953	0.0063	0.0212	1.63	1.0	4.91	0.71

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.