

AMBIENT LAKE MONITORING NETWORK

Lake Name: Harrisonville Lake

County: SALEM

SiteID: NJW04459-196

Municipality: PILESGROVE 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	0.6	1.2	7.82	8.5	72.1	6.07	0.158
2	1.5	1	1.4	9.83	8.21	73.1	6.32	0.156

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	1.5	1	1	20.95	4.37	49.4	6.29	0.192
2	1.8	1	1.1	23.05	2.3	27.1	6.69	0.192

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	1.2	0.6	1.1	16.53	7.18	73	6.17	0.189
2	1.5	1	1.4	18.23	6.89	72	6.43	0.181

-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	0.028	0.656	2.35	0.0361	3.63	30	58.5	5.09
2	0.039	0.775	2.07	0.0911	3.1	25	59.8	5.75

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	0.066	0.736	1.81	0.0435	28.77	29	73.4	7.81
2	0.075	0.817	1.12	0.127	19.93	34	76.2	6.62

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	0.045	0.386	2.84	0.0426	2.71	27	70.5	5.15
2	0.044	0.478	2.18	0.0453	7.12	30	67.9	5.86

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.