

AMBIENT LAKE MONITORING NETWORK

Lake Name: Silver Lake
SiteID: NJW04459-007

County: CAMDEN
Municipality: CLEMENTON BORO

Surface to Bottom Profile

Season: Summer

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	1.1	0.9	1.1	24.79	3.28	39.6	6.2	0.18
outlet	0.2	0.2		26.34	6.71	83.1	6.6	0.193

Season: Fall

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	1.0	0.8	1.0	21.49	6.4	72.3	6.2	0.176
outlet	0.2	0.2		21.4	7.08	79.9	6.31	0.208

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded because visibility was obscured by vegetation.

-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: Summer

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	< 38.41	0.766	0.85	0.215	43.8	19	30.1	11.4
outlet	< 38.41	0.309	0.699	0.119	8.0	16	29.5	2.8

Season: Fall

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	<10.37	0.151	0.976	0.048	3.7	13	27.5	1.76
outlet	<10.37	0.228	0.733	0.065	2.6	14	30.3	2.13

Sample Device - Horizontal Polycarbonate Sampler

"<" 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.