

AMBIENT LAKE MONITORING NETWORK

Lake Name: Silver Lake
SiteID: NJW04459-234

County: CAMDEN
Municipality: GIBBSBORO

Surface to Bottom Profile

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	2.5	0.9	1.8	25.96	5.51	68.2	7.07	0.292
1	2.5	1.8	1.8	25.28	0.07	0.9	6.53	0.304
outlet	2.5	0.2		25.95	4.67	57.5	6.93	0.291

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	2.6	0.9	1.4	10.34	7.7	67.9	6.97	0.187
1	2.6	1.8	1.4	10.27	7.53	66.3	6.94	0.189
outlet	1.0	0.3		10.99	7.52	67.3	6.83	0.253

-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

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	12.55	0.393	<0.006	0.032	10.5	158	73.6	3.24
outlet	55.4	0.393	<0.006	0.029	7.2	67	72.4	2.73

Season: Fall

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	11.7	0.774	0.125	0.252	6.0	42	55.5	6.48
outlet	18.84	0.835	0.178	0.266	3.7	51	67.7	7.61

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.