

AMBIENT LAKE MONITORING NETWORK

Lake Name: Anchor Lake One
SiteID: NJW04459-235

County: CAMDEN
Municipality: WINSLOW TWP

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	0.8	0.5	0.8	25.22	6.18	74.6	6.01	0.095
outlet	0.6	0.3		27.34	5.5	69	6.13	0.094

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	0.5	0.3	0.5	24.88	9.12	109.6	6.81	0.1
outlet	0.5	0.3		26.42	7.01	86.2	7.57	0.099

-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	46.35	0.353	0.094	0.071	19.7	14	15.2	2.6
outlet	45.86	0.321	0.014	0.052	23.7	13	14.4	2.14

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	32.34	0.329	0.372	0.091	8.2	8	14.9	2.12
outlet	21.36	0.394	0.011	0.052	7.4	9	12.8	1.12

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.