

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Manetta

County: OCEAN

SiteID: NJW04459-034

Municipality: LAKEWOOD TWP

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	1.2	0.9	0.9	20.11	5.94	65.6	5.8	0.135
2	1.8	0.9	0.8	24.21	4.99	59.6	6.15	0.126
outlet	0.6	0.3		24.58	6.96	84.1	6.56	0.13

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	1.0	0.9	1.0	18.44	7.48	79.4	5.8	0.131
2	1.7	0.9	1.7	21.86	8.3	94.2	6.63	0.14
outlet	0.6	0.6		22.73	7.6	87.7	6.77	0.149

-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	< 38.41	0.386	0.591	0.094	9.3	12	21.7	4.85
2	< 38.41	0.474	0.391	0.075	14.8	12	22	7.72
outlet	< 38.41	0.436	0.339	0.096	18.0	14	24.5	7.86

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	15.4	0.362	0.465	0.029	14.8	13	23.9	4.58
2	<10.37	0.253	0.352	0.027	6.0	15	25.7	3.02
outlet	23.97	0.855	0.286	0.048	9.9	17	28.9	6.75

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.