

AMBIENT LAKE MONITORING NETWORK

Lake Name: Moss Mill Lake

County: ATLANTIC

SiteID: NJW04459-027

Municipality: GALLOWAY 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	1.1	0.9	1.1	26.2	7.61	96	5.32	0.086
2	0.9	0.6	0.9	24.8	7.01	86	5.31	0.087
outlet	0.3	0.2		26.49	6.65	84	5.38	0.086

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	0.9	0.6	0.9	21.92	6.62	75.7	5.42	0.098
2	0.9	0.6	0.9	22.39	6.75	77.9	5.47	0.098
outlet	<0.2	<0.2		21.77	6.99	79.7	5.45	0.098

-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	0.223	<0.006	0.02	13.2	4	10.8	3.74
2	< 38.41	0.578	<0.006	0.02	82.8	2	10.8	3.81
outlet	< 38.41	0.166	<0.006	0.029	2.9	2	10.6	0.062

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	0.307	<0.006	0.032	2.1	2	11.1	0.74
2	11.07	0.377	<0.006	0.03	3.1	2	11.2	1.73
outlet	<10.37	0.382	<0.006	0.033	1.8	2	11	0.58

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.