

AMBIENT LAKE MONITORING NETWORK

Lake Name: Hanover Pond

County: OCEAN

SiteID: NJW04459-110

Municipality: MANCHESTER TWP

Surface to Bottom Profile

Season: Spring

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	0.5	1.2	13.37	8.83	83.2	4.84	0.03
outlet	1.2	1.2		13.02	9.08	84.9	4.96	0.03

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	1.3	1	1	24.31	8.41	101	4.79	0.025
outlet	0.5	0.5		25.98	7.18	88.9	4.8	0.026

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	0.5	1	23.17	6.85	79.9	4.59	0.025
outlet	0.2	0.2		24.12	7.68	91.2	4.65	0.025

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-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: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	ND	0.055	0.027	0.005	1.4	1.000	3.362	0.51
outlet	0.025	0.397	0.014	0.005	34.2	1.000	3.548	6.03

Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.014	0.260	0.117	0.006	1.8	1.000	2.851	2.04
outlet	0.01	0.239	0.127	0.006	1.5	1.000	2.887	1.48

Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	ND	0.058	0.014	0.027	1.06	2.000	2.814	0.55
outlet	ND	0.058	0.017	0.031	1.46	1.000	2.819	0.49

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.