

AMBIENT LAKE MONITORING NETWORK

Lake Name: Greenwood Pond

County: PASSAIC

SiteID: NJW04459-121

Municipality: WEST MILFORD 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	2.9	1	2.9	12.43	10.7	101.9	8.32	0.362
1	2.9	2	2.9	12	10.85	102.1	8.32	0.362
outlet	0.1	0.1		13.02	10.56	101.8	8.38	0.364

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	2.6	1	1.6	26.15	8.78	111.2	7.84	0.391
1	2.6	2	1.6	25.36	6.03	75.3	7.61	0.402

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	2.4	1	2.4	18.97	10.29	111.9	8.77	0.358
1	2.4	2	2.4	18.8	10.06	109	8.89	0.358

-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	0.160	0.222	0.010	1.97	36.000	62.914	1.02
outlet	0.016	0.155	0.226	0.009	2.02	42.000	61.465	0.52

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	0.016	0.422	0.043	0.005	7.31	39.000	72.564	1.51

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	0.474	0.006	0.006	5.42	40.000	79.596	1.48

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.