

AMBIENT LAKE MONITORING NETWORK

Lake Name: Upper Greenwood Lake

County: PASSAIC

SiteID: NJW04459-282

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	1.5	1	1.5	18.66	7.28	81.2	7.48	0.3
2	2.7	1	2.7	20.07	6.62	76	7.51	0.31
2	2.7	2	2.7	19.53	6.66	75.6	7.51	0.307
3	3.3	1	3.3	20.83	6.51	75.9	7.37	0.321
3	3.3	2	3.3	19.92	6.73	77	7.42	0.321
3	3.3	3	3.3	19.63	6.63	75.4	7.42	0.319
4	2.2	1	2.2	20.39	7.26	83.8	7.59	0.321
4	2.2	2	2.2	19.74	7.66	87.3	7.67	0.32

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	1.5	1	1.4	24.81	6.09	75.9	7.01	0.258
2	2.8	1	1.7	25.3	6.31	79.5	7.09	0.261
2	2.8	2	1.7	24.91	5.96	74.6	7.07	0.255
3	3.3	1	1.5	26.08	7.15	91.4	7.17	0.278
3	3.3	2	1.5	25.82	6.91	87.9	7.2	0.278
3	3.3	3	1.5	25.49	6.23	78.8	7.17	0.28
4	2.3	1	1.4	25.6	6.93	87.8	7.11	0.281
4	2.3	2	1.4	25.2	6.66	83.7	7.13	0.281

-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	0.028	0.677	0.030	0.16	15.51	34	59.8	1.66
2	0.028	0.508	0.056	0.028	7.1	32	61.2	1.27
3	0.021	0.712	0.047	0.041	5.65	52	61.8	1.05
4	0.02	0.560	0.027	0.026	6.55	69	60.3	1.34

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	0.032	0.585	0.00630	0.00778	26.15	39	51.9	6.54
2	0.032	0.578	0.00630	0.00778	26.45	45	53.6	8.55
3	0.029	0.607	0.00630	0.00778	29.49	60	54.0	9.37
4	0.03	0.607	0.00630	0.00778	30.03	38	56.4	7.24

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.