

AMBIENT LAKE MONITORING NETWORK

Lake Name: Upper Mount Glenn Lake

County: PASSAIC

SiteID: NJW04459-076

Municipality: WEST MILFORD TWP

Surface to Bottom Profile

Season: Spring

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	1	0.5	1	13.48	8.42	81.2	7.35	0.274
outlet	0.2	0.2		13.97	8.34	81.3	7.36	0.31

Season: Summer

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	0.9	0.5	0.5	20.84	3.38	38.6	7.05	0.535

Season: Fall

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	1.1	0.5	1.1	13.48	7.88	77.6	7.25	0.526
outlet	0.3	0.3		13.07	8.2	80.1	7.17	0.316

-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 Name: Upper Mount Glenn Lake

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Lake Profile Raw Data

Season: Spring

<i>Station</i>	<i>Tot Phos</i> <i>(mg/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	0.023	0.518	0.567	0.066	4.2	25	52.133	1.57
outlet	0.012	0.583	0.580	0.100	6.3	30	58.480	1.76

Season: Summer

<i>Station</i>	<i>Tot Phos</i> <i>(mg/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	0.068	.571	.0067	.012	11.4	69	123.231	3.45

Season: Fall

<i>Station</i>	<i>Tot Phos</i> <i>(mg/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	0.032	0.733	0.551	0.171	14.4	64	104.7	1.72
outlet	0.03	0.584	0.345	0.077	10.4	46	69.768	1.14

Sample Device - Horizontal Polycarbonate Sampler

"ND" 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.