

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Mishe-Mokwa

County: BURLINGTON

SiteID: NJW04459-086

Municipality: MEDFORD LAKES BORO

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	1.3	0.5	1.3	9.24	10.96	94.7	6.53	0.187
outlet	0.6	0.6		9.01	9.21	79.1	6.31	0.168

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	0.5	1.3	25.74	8.07	98.8	7.02	0.202
outlet	0.2	0.2		23.71	6.6	77.9	6.52	0.174

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	1.3	0.5	1.3	20.67	7.18	78.9	6.45	0.223

-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: Lake Mishe-Mokwa

County: BURLINGTON

SiteID: NJW04459-086

Municipality: MEDFORD LAKES BORO

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	0.247	0.188	0.005	8.5	9.200	24.103	1.80
outlet	ND	0.351	0.139	0.051	6.1	12.200	23.341	3.43

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	0.025	0.441	0.168	0.006	8.2	24.000	23.951	2.45
outlet	0.039	0.529	0.134	0.042	16.3	15.000	24.027	4.26

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	0.368	0.027	0.013	6.06	15.000	22.115	1.24

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.