

AMBIENT LAKE MONITORING NETWORK

Lake Name: Lake Stockwell

County: BURLINGTON

SiteID: NJW04459-098

Municipality: MEDFORD 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	1.1	0.5	1.1	8.88	10.64	91.1	4.46	0.108
2	2.2	1	1.8	8.98	10.77	92.4	4.54	0.101
3	1.3	1	1.3	8.96	10.25	88	5.06	0.1
outlet	1.1	0.1		9.43	10.53	91.3	4.88	0.099

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	1.1	0.5	1.1	23.22	8.3	97	5.75	0.122
2	2	1	1.7	19.86	5.58	61.1	5.13	0.123
3	1.3	1		20.06	9.39	103.2	5.43	0.123
outlet	0.1	0.1		25.95	7.79	95.7	6.17	0.118

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	17.69	8.31	86	6.11	0.13
2	2.0	1	1.8	18.75	8.22	86.9	6.07	0.129
3	1.3	1	1.3	18.48	7.66	80.6	5.98	0.126
outlet	0.3	0.3		18.63	8.37	88.3	6.44	0.132

-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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SiteID: NJW04459-098

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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	0.219	0.807	0.005	1.2	1.000	11.909	0.89
2	ND	0.274	0.562	0.005	4.9	1.000	11.678	1.15
3	ND	0.263	0.405	0.005	4.0	1.000	11.323	1.62
outlet	ND	0.265	0.566	0.005	5.1	1.000	11.936	1.26

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	0.042	0.527	0.611	0.006	16.4	3.100	11.810	1.78
2	0.043	0.474	0.590	0.017	8.6	20.000	11.744	1.78
3	0.026	0.364	0.465	0.013	4.8	3.100	11.554	1.65
outlet	0.026	0.467	0.486	0.014	5.7	24.000	12.359	1.65

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	0.228	0.427	0.007	12.67	4.000	11.982	1.62
2	ND	0.250	0.344	0.009	13.88	3.000	11.427	1.78
3	ND	0.319	0.187	0.012	7.71	21.000	11.666	1.24
outlet	ND	0.302	0.333	0.018	13.88	2.000	12.746	2.12

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.