

AMBIENT LAKE MONITORING NETWORK

Lake Name: Braddocks Millpond
SiteID: NJW04459-230

County: BURLINGTON
Municipality: MEDFORD TWP

Surface to Bottom Profile

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	0.9	1.1	26.23	8.45	103.9	6.37	0.079
2	2.3	0.9	1.7	26.13	7.47	91.7	6.03	0.083
2	2.3	1.8	1.7	23.73	0.64	8.2	5.26	0.092
3	3.0	0.9	1.5	26.39	7.6	93.8	5.92	0.082
3	3.0	1.8	1.5	23.85	0.34	4	5.07	0.088
3	3.0	2.7	1.5	18.32	0.09	0.9	6.29	0.143
outlet	0.3	0.3		28.27	7.95	101.4	6.16	0.083

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	0.9	0.8	0.9	23.8	7.43	87.8	5.95	0.078
2	2.3	0.9	2.1	23.82	8.02	94.7	6.04	0.081
2	2.3	1.8	2.1	22.96	7.7	89.4	5.76	0.08
3	2.8	0.9	2.1	23.92	8.02	94.8	6.1	0.081
3	2.8	1.8	2.1	22.94	7.37	85.6	5.73	0.08
3	2.8	2.7	2.1	21.41	0.88	9.9	5.51	0.088
outlet	0.3	0.2		23.91	7.77	91.9	6.08	0.082

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded because visibility was obscured by vegetation.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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Lake Name: Braddocks Millpond

County: BURLINGTON

SiteID: NJW04459-230

Municipality: MEDFORD TWP

Lake Profile Raw Data

Season: Summer

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	< 38.41	0.302	0.183	0.031	8.3	7	12.3	2.07
2	< 38.41	0.356	0.217	0.032	10.9	7	12.3	2.29
3	< 38.41	0.318	0.24	0.031	11.4	7	12.4	2.23
outlet	< 38.41	0.285	0.246	0.035	9.8	8	12.6	2.21

Season: Fall

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	<10.37	0.331	0.309	0.033	3.9	6	12	0.96
2	<10.37	0.268	0.273	0.028	4.9	7	12.2	1.25
3	<10.37	0.309	0.258	0.028	6.4	6	12.1	1.14
outlet	<10.37	0.29	0.255	0.032	5.7	8	12.5	1.98

Sample Device - Horizontal Polycarbonate Sampler

"<" 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.