

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Braddocks Millpond

County: Burlington

SiteID: NJW04459-230

Municipality: Medford Twp

## Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/13/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.013	0.341	0.913	0.0357	2.16	5	16	1.99
2	ND	0.407	0.908	0.0304	2.69	5	15.8	2.15
3	0.013	0.231	0.907	0.0307	3.5	ND	15.6	2.32

Season: Summer

Date sampled: 6/29/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.022	0.372	0.471	0.00985	2.89	19	14.8	5.49
2	0.025	0.325	0.461	0.00796	3.31	5	14.5	1.55
3	0.019	0.295	0.448	0.01	2.83	7	14.4	1.52

Season: Fall

Date sampled: 9/15/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	ND	0.286	0.347	0.0224	3.42	4	14.1	1.13
2	ND	0.319	0.267	0.033	6.09	5	14.3	1.22
3	ND	0.346	0.25	0.0249	7.91	2	14	1.29

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.

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Braddocks Millpond

County: Burlington

SiteID: NJW04459-230

Municipality: Medford Twp

## Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/13/2010

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	15.38	8.05	79.1	5.43	0.096
2	2.4	1	2.1	15.98	8.05	80	5.55	0.096
3	2.9	1	1.9	16.2	8.04	80.5	5.53	0.095

Season: Summer

Date sampled: 6/29/2010

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	0.5	0.9	29.02	7.16	93	5.49	0.095
2	2.2	1	2.2	29.36	6.61	86.4	5.62	0.096
2	2.2	2	2.2	26.21	8.3	102.3	5.51	0.093
3	2.9	1	2.9	29.75	6.53	86	5.9	0.096
3	2.9	2	2.9	26.74	7.86	98.1	5.83	0.095

Season: Fall

Date sampled: 9/15/2010

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	20.45	8.84	97.5	5.78	0.078
2	2.3	1		21.34	7.92	88.9	5.94	0.081
2	2.3	2		21.21	7.98	89.3	6.01	0.081
3	2.8	1	2.8	21.61	7.75	87.4	6.09	0.082
3	2.8	2	2.8	21.54	7.96	89.7	6.13	0.082

-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.