

AMBIENT LAKE MONITORING NETWORK

Lake Name: Bass Lake
SiteID: NJW04459-017

County: Warren
Municipality: Hardwick Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/24/2010

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	0.025	0.255	0.012	0.0161	4.96	ND	29.2	1.93
2	0.032	0.305	0.012	0.01	6.14	ND	28.7	2.16

Season: Summer

Date sampled: 8/19/2010

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	0.062	0.47	0.012	0.022	39.35	20	44.2	3.76
2	0.391	0.505	0.00746	0.00796	45.44	50	43.6	3.99

Season: Fall

Date sampled: 10/13/2010

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	0.05	0.433	0.0141	0.0374	6.68	4	39.5	4.00
2	0.04	0.307	0.00681	0.01	11.44	6	38.7	1.54

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: Bass Lake

County: Warren

SiteID: NJW04459-017

Municipality: Hardwick Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 5/24/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.8	0.4	0.8	20.18	9.07	101.3	6.72	0.1
2	3.2	1	2.1	20.17	8.2	91.6	6.8	0.099
2	3.2	2	2.1	20.14	8.22	91.6	6.83	0.099
2	3.2	3	2.1	18.07	6.54	70.1	6.77	0.104

Season: Summer

Date sampled: 8/19/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.2	0.1	0.2	24.64	6.81	84.1	5.87	0.145
2	2.8	1	1.1	24.13	7.91	96.8	6.43	0.144
2	2.8	2	1.1	23.39	7.96	96.2	6.58	0.145

Season: Fall

Date sampled: 10/13/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.5	0.3	0.5	13.4	8.17	79.7	7.6	0.113
2	3.0	1	2.8	15.35	7.92	81	7.29	0.112
2	3.0	2	2.8	15	8.37	84.6	7.19	0.112

-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.