

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Bennetts Pond

County: Ocean

SiteID: NJW04459-079

Municipality: Jackson Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 3/17/2011

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	0.027	0.315	0.28	0.01	1.97	2	21.8	3.82
2	0.038	0.314	0.31	0.0321	2.27	2	21.7	5.48

Season: Summer

Date sampled: 6/7/2011

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	0.059	0.45	0.41	0.071	3.47	15	32.9	19.1
2	0.042	0.4	0.38	0.02	5.79	9	32.8	11.0

Season: Fall

Date sampled: 9/12/2011

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	0.056	0.782	0.253	0.053	4.82	3	25	12.4
2	0.047	0.724	0.184	0.067	11.34	3	23.3	15.9

Sample Device - Horizontal Polycarbonate Sampler; a blank parameter result means the parameter could not be analyzed due to a lab error.

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Bennetts Pond

County: Ocean

SiteID: NJW04459-079

Municipality: Jackson Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 3/17/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.6	1	B	8.84	9.45	80.8	5.91	0.122
2	1.7	1	B	8.97	9.18	78.8	5.84	0.126

Season: Summer

Date sampled: 6/7/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.6	1	0.9	18.32	6.34	67.6	6.24	0.172
2	1.6	1	1.1	20.93	9.33	104.6	5.94	0.185

Season: Fall

Date sampled: 9/12/2011

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	0.6	0.7	21.14	4.79	53.5	5.34	0.123
2	1.0	0.5	0.6	19.88	5.63	61.3	5.65	0.132

"B" indicates secchi can be seen at the Bottom of lake; "P" indicates secchi depth was Obscured, typically (but not always) by plants.

-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.