

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Dennisville Lake  
SiteID: NJW04459-046

County: Cape May  
Municipality: Dennis Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/6/2011

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	0.015	0.3	0.209	0.00845	4.87	ND	13.6	1.59
2	0.011	0.314	0.203	0.00879	5.33	2	13.4	1.80

Season: Summer

Date sampled: 6/13/2011

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	0.016	0.44	0.02	0.01	13.07	3	12.6	2.14
2	0.029	0.46	0.02	0.01	17.25	4	12.6	1.89

Season: Fall

Date sampled: 9/28/2011

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	0.012	0.466	0.0103	0.01	22.48	4	13.4	2.50
2	0.011	0.515	0.0215	0.01	20.12	6	13	2.66

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: Dennisville Lake

County: Cape May

SiteID: NJW04459-046

Municipality: Dennis Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/6/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.7	B	12.74	9.22	86.5	5.88	0.073
2	1	0.5	B	12.99	9.4	88.7	6.13	0.073

Season: Summer

Date sampled: 6/13/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.7	B	27.85	7.69	97.7	5.46	0.082
2	1	0.5	B	26.76	8.42	105.1	5.69	0.08

Season: Fall

Date sampled: 9/28/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.6	1.3	24.17	8.48	100.5	5.52	0.065
2	1.0	0.5	B	24.02	7.8	92.2	5.4	0.065

"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.