

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Crystal Spring Lake

County: Gloucester

SiteID: NJW04459-045

Municipality: Monroe Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/13/2011

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	0.076	0.793	0.00949	0.036	26.29	21	23.6	11.6
2	0.083	0.721	0.00821	0.024	27.06	25	23.7	11.5

Season: Summer

Date sampled: 6/30/2011

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	0.164	1.8	0.03	0.064	67.96	27	33.4	1.97

Season: Fall

Date sampled: 10/3/2011

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	0.067	0.75	0.009	0.01	69.61	25	33	5.42
2	0.067	0.769	0.00757	0.01	92.28	24	33.7	5.58

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: Crystal Spring Lake

County: Gloucester

SiteID: NJW04459-045

Municipality: Monroe Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/13/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	0.7	14.52	7.8	77.1	7.62	0.36
2	0.8	0.4	0.7	14.25	8.14	79.9	8.29	0.353

Season: Summer

Date sampled: 6/30/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.2	0.6	0.5	26.57	6.44	80.4	6.42	0.382

Season: Fall

Date sampled: 10/3/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2	1	1.1	18.73	6.33	67.5	7.41	0.169
2	1.2	0.6	1.1	18.04	4.94	52	7.62	0.175

"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.