

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Cumberland Pond

County: Cumberland

SiteID: NJW04459-053

Municipality: Maurice River Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/12/2011

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	0.025	0.158	0.00717	0.01	3.27	1	4.82	1.08

Season: Summer

Date sampled: 6/23/2011

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	0.025	0.16	0.02	0.01	2.69	4	4.13	1.30

Season: Fall

Date sampled: 9/26/2011

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	0.013	0.303	0.0213	0.015	2.37	1	4.49	0.95

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: Cumberland Pond

County: Cumberland

SiteID: NJW04459-053

Municipality: Maurice River Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/12/2011

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	B	15.5	8.04	80.9	4.35	0.042

Season: Summer

Date sampled: 6/23/2011

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	B	21.05	7.6	85.7	7.46	0.036

Season: Fall

Date sampled: 9/26/2011

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	B	18.72	5.34	57	3.94	0.039

"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.