

AMBIENT LAKE MONITORING NETWORK

Lake Name: Cedar Lake

County: Cumberland

SiteID: NJW04459-243

Municipality: Lawrence 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 | 0.068 | 0.271 | 1 | 0.449 | 24.96 | 2 | 23.1 | 2.75 |

Season: Summer

Date sampled: 6/28/2011

| 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 | 0.127 | 1.1 | 0.02 | 0.01 | 29.16 | 10 | 21.7 | 12.1 |

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 | 0.069 | 0.449 | 0.663 | 0.01 | 27.15 | 6 | 26.4 | 5.69 |

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: Cedar Lake

County: Cumberland

SiteID: NJW04459-243

Municipality: Lawrence 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 | 1.1 | 0.5 | B | 16.58 | 10.34 | 106.5 | 5.64 | 0.07 |

Season: Summer

Date sampled: 6/28/2011

| Station | Tot. Depth (M) | Profile Depth (M) | Secchi (M) | Water Temp (C) | DO (mg/L) | DO (%Sat) | pH (SU) | Conductivity (mS/cm) |
|---------|-------------------|----------------------|---------------|-------------------|--------------|--------------|------------|-------------------------|
| 1 | 1.1 | 0.5 | 0.7 | 25.28 | 10.15 | 123.3 | 6.93 | 0.076 |

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 | 1.1 | 0.5 | B | 16.87 | 8.25 | 84.7 | 5.86 | 0.078 |

"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.