

# Pony Express Lake



## 2011 DATA

Dekalb County  
 Latitude: 39.8039 Longitude: -94.3804

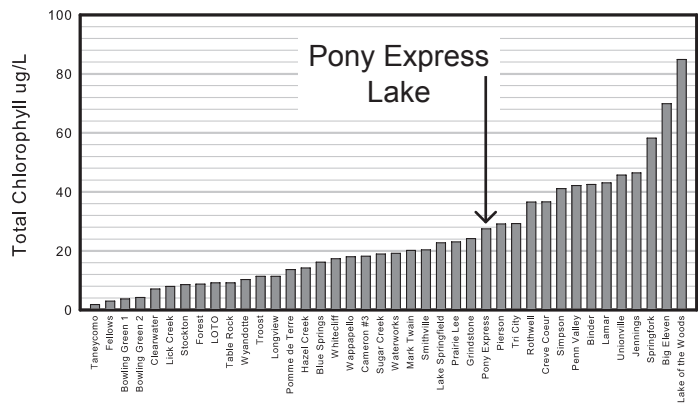
Date	5/7	5/22	6/5	6/26	X	X	X	X	Mean
Secchi (inches)	24	32	28	26					27
TP (µg/L)	60	47	49	60					54
TN (µg/L)	1240	1120	1210	920					1115
CHL (µg/L)	8.1	15.5	35.3	37.9					20.2
ISS (mg/L)	6.3	5.1	5.0	4.5					5.2

Pony Express Lake was monitored for the first half of the 2011 sampling season. This was the first year of LMVP monitoring on the lake.

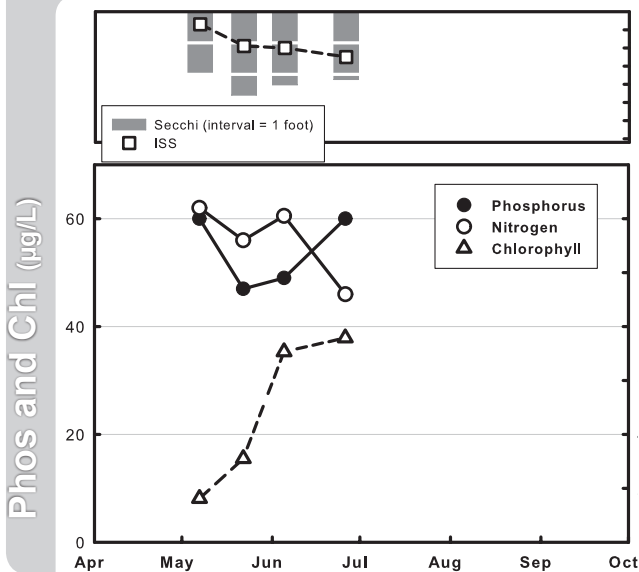
Water clarity was rather consistent throughout the first half of 2011, averaging just over 2 feet and varying by only 8 inches from maximum to minimum.

Nutrient concentrations were also consistent, varying little during May and June. Chlorophyll concentrations increased nearly 4-fold, possibly as suspended sediment particles settled to the bottom thereby increasing light penetration.

## 2011 Summer Mean Chlorophyll Values



## 2011 GRAPHS



## TREND GRAPHS

Not enough data available to characterize a trend

ISS (mg/L)  
Nitrogen (µg/L)

See page 3 for help interpreting graphs