

# Fellows Lake



## 2011 DATA

Greene County  
Latitude: 37.3147 Longitude: -93.2280

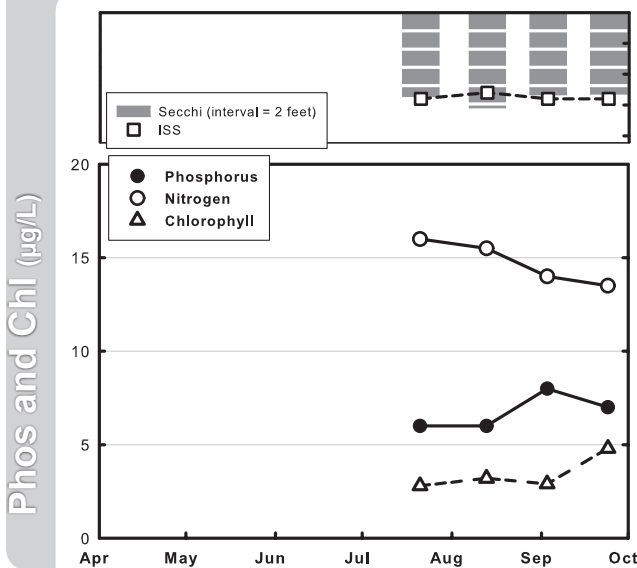
Date	X	X	X	X	7/21	8/13	9/3	9/24	Mean
Secchi (inches)					110	125	108	107	112
TP (µg/L)					6	6	8	7	7
TN (µg/L)					320	310	280	270	294
CHL (µg/L)					2.8	3.2	2.9	4.8	3.3
ISS (mg/L)					0.6	0.7	0.6	0.6	0.6

Fellows Lake was only sampled during the second half of the 2011 sampling season.

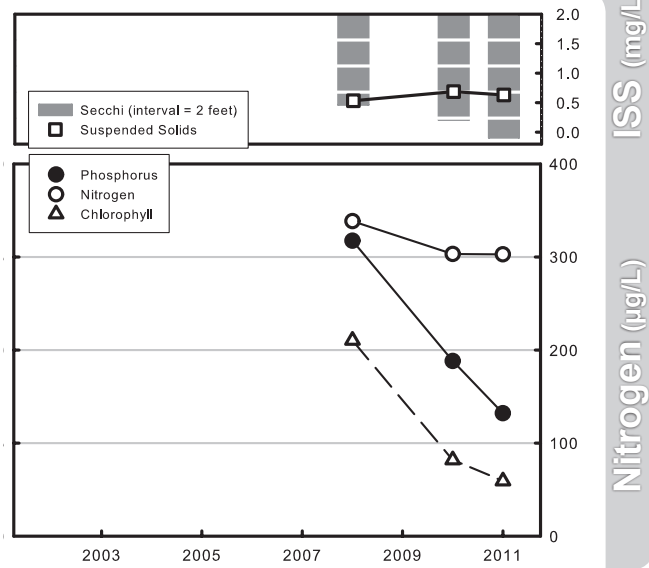
All parameters exhibited very little variation during 2011. The minimum Secchi value was only 10% lower than the maximum. Both phosphorus and chlorophyll varied by just 2 µg/L. Suspended sediment values never exceeded 1 mg/L.

At nearly 10 feet, 2011 mean water clarity was the highest observed in the 3 years that LMVP volunteers have monitored Fellows Lake. The increased clarity can be attributed to lower total phosphorus values and the subsequently reduced algal community (measured as chlorophyll concentration). Suspended sediment and total nitrogen values in 2011 were similar to other years.

### 2011 GRAPHS



### TREND GRAPHS



See page 3 for help interpreting graphs