Is Cougar Lake the Solution to the Dead Zone?

Using Cougar Lake to Examine the Denitrification Story

Kemmerer Sampler

- Water Samples taken at one meter increments throughout the entire water column

Nitrate Electrode

- Each sample was mixed with a stir bar for three minutes prior to nitrate concentration reading

Cougar Lake Temperature

- [Graph showing temperature variation across different depths and dates]

Cougar Lake Oxygen

- [Graph showing oxygen concentration across different depths and dates]
Cougar Lake Nitrate

Nitrate Concentration (mg/L) vs. Depth in Lake (m)

March 3, 2007
April 4, 2007
April 13, 2007