Bayou DeView Watershed Monitoring 16-800

Jennifer L. Bouldin, PhD
Ecotoxicology Research Facility
Arkansas State University
Cache River Watershed

Mid Bayou DeView River

- Weekly sampling
79.8% cropland
10.7% forest

Decrease in cropland since 1999
Town of Waldenburg

Legend:
- Sampling Site
- Cow Lake Ditch-Bayou DeView Watershed
- HUC 12 Subwatershed

Town of Waldenburg

- Turb (NTU)
- TSS (mg/L)

Town of Waldenburg

- Orthophosphate (ppm)
- Nitrate (ppm)

Town of Waldenburg

- Total P (ppm)
- Total N (ppm)
Cow Lake Ditch

Graphs showing water quality parameters over time, including turbidity (NTU), TSS (mg/L), orthophosphate (ppm), nitrate (ppm), total P (ppm), and total N (ppm).
May Branch Lateral

Legend:
- Sampling Site
- Cow Lake Ditch-Bayou DeView Watershed
- HUC 12 Subwatersheds

Graphs show data for Turb (NTU) and TSS (mg/L) over different dates from 10/7/2016 to 6/24/2017.

Graphs also show data for Orthophosphate (ppm) and Nitrate (ppm) over the same dates.

Graphs for Total P (ppm) and Total N (ppm) over the dates from 10/7/2016 to 6/24/2017.