

**Table 9-3
Historic Results for the Shallow Lake Energy System (Coon Island Loop)
Upper Calcasieu**

| Year | 1984¹ | 1989² | 1993³ | 1994⁴ |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Compound | | | | |
| 1,2-Dichloroethane (µg/Kg) | - | - | 8.57-65.38 | - |
| Acetone (µg/Kg) | - | - | 13.33-12285.71 | - |
| Aldrin (µg/Kg) | - | - | - | - |
| Arsenic (mg/Kg) | 0.25-0.65 | 3.2 | 1.89-8.39 | - |
| Barium (mg/Kg) | - | 266 | 41.49-1756.86 | - |
| Bis(2-ethylhexyl) phthalate (µg/Kg) | - | - | 44.59-116.13 | - |
| Carbon disulfide (µg/Kg) | - | - | 11.76-34.62 | - |
| Chromium (mg/Kg) | 4.2-259.9 | 157 | - | - |
| Copper (mg/Kg) | 6.788-53.839 | 50 | 3.51-40.28 | - |
| Dieldrin (µg/Kg) | - | - | - | - |
| Endosulfan sulfate (µg/Kg) | - | - | - | - |
| Endrin (µg/Kg) | - | - | - | - |
| Endrin aldehyde (µg/Kg) | - | - | - | - |
| Endrin ketone (µg/Kg) | - | - | - | - |
| Hexachlorobenzene (µg/Kg) | - | - | - | - |
| Hexachlorobutadiene (µg/Kg) | - | - | - | - |
| Lead (mg/Kg) | 3-16 | 45 | 4.19-104.19 | - |
| Mercury (mg/Kg) | 0.11-0.21 | 0.5 | 0.28-0.66 | - |
| Nickel (mg/Kg) | - | 22 | 8.22-48.65 | - |
| Total BHCs (µg/Kg) | - | - | - | - |
| Total PAHs (µg/Kg) | - | - | 28.38-63538.71 | - |
| Trichloroethene (µg/Kg) | - | - | - | - |
| Zinc (mg/Kg) | 28.75-133.06 | 346 | 38.46-313.89 | - |

Notes:

¹1983-1985 LDWF Ecosystem Analysis of the Calcasieu River/Lake Complex Report

²1988-89 EPA Toxics Study of the Lower Calcasieu River

³1993 PPG Preliminary Sediment and Surface Water Sampling and Analysis in Bayou Verdine and Coon Island Loop of the Calcasieu River

⁴1994 PPG Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling Report