

**Table 8-5
Historic Results for Reach 1
Bayou Verdine**

Year	1989 ¹	1993 ²	1994 ³
Compound			
Arsenic (mg/Kg)	3.58	1.90 - 6.00	1.78 - 10.00
Barium (mg/Kg)	116.0 - 226.0	46.7 - 139.0	31.64 - 580.56
Chromium (mg/Kg)	54 - 72	---	---
Copper (mg/Kg)	19.2 - 22.0	8.9 - 49.5	3.29 - 150.00
Lead (mg/Kg)	20.0 - 129.0	11.0 - 41.8	7.62 - 216.58
Mercury (mg/Kg)	0.10 - 0.20	0.06 - 0.10	0.12 - 0.97
Nickel (mg/Kg)	15.0 - 18.2	10.5 - 22.7	4.11 - 68.42
Zinc (mg/Kg)	369 - 475	33 - 107	13 - 2,806
Total PAH (µg/Kg)	---	3,107 - 54,200	1,390 - 666,575
Aldrin (µg/Kg)	---	2.4 - 3.0	2.02 - 11.86
Total BHCs (µg/Kg)	---	2.4 - 28.7	2.02 - 11.86
Hexachlorobenzene (µg/Kg)	---	---	392 - 45,205
Total PCB (µg/Kg)	---	46 - 86	80 - 465
Bis(2-ethylhexyl)phthalate (µg/Kg)	---	41 - 12,000	393 - 45,205
Hexachlorobutadiene (µg/Kg)	---	---	393 - 45,205
1,1,2-Trichloroethane (µg/Kg)	---	14 - 18	6 - 5,000
1,2-Dichloroethane (µg/Kg)	---	14 - 18	6 - 5,000
Acetone (µg/Kg)	---	31 - 75	11 - 5,000

Notes:

¹1988-89 EPA Toxics Study of the Lower Calcasieu River

²1993 EPA Site Inspection for Bayou Verdine

³1993-94 PPG Preliminary Sediment and Surface Water Sampling and Analysis in Bayou Verdine and Coon Island Loop of the Calcasieu Ship Channel