

1/2 - PA

METHODOLOGY FOR ANALYTICAL, AND ~~CONTAINER~~ MA  
CONTAINER, AND PRESERVATIVES USED DURING  
THE GULF STATE CREOSOTE SI - PHASE II  
INVESTIGATION

ANALYSIS	CONTAINER	PRESERVATIVES
Water Samples:		
<del>Water Samples</del>	2 - 40 ml AMBER BOTTLES	HCl - 4 DROPS TO PH < 2
- VOCs	2 - 1 LITER AMBER BOTTLE	-
- SEMI VOCs	1 - 1 LITER AMBER BOTTLE	-
- PESTICIDES/PCBS	1 - 1 LITER HIGH DENSITY POLYETHYLENE (HDP) BOTTLE	HNO <sub>3</sub> - 50% HNO <sub>3</sub> TO PH < 2
- METALS	1 - 1 LITER HDP BOTTLE	NaOH TO PH > 12
- CYANIDES		

SOIL/SEDIMENT SAMPLES

- VOCs	1 - 120 ml VOC BOTTLE	-
- SEMI VOC	1 - 250 ml AMBER BOTTLE	-
- PESTICIDES/PCBS	1 - 250 ml AMBER BOTTLE	-
- METALS/CYANIDE	1 - 250 ml AMBER BOTTLE	-

NOTES TAKEN BY: MICHAEL JARX / (initials) ~~JARX~~  
MS DEQ  
JACKSON, MS

10/15/91 - TUESDAY

- GULF STATES CREOSOTE SITE  
MSD985967199  
HATTIESBURG, MS  
LOCATION: NEAR INTERSECTION OF HWY 49 & HWY 11
- 9:00 A.M. - CONTACTED HATTIESBURG PUBLIC  
WATER WORKS DEPARTMENT  
(601) 545-4530  
- INFORMED THE OFFICE THAT  
THE OPC WANTED TO SAMPLE  
THE PUBLIC WELL LOCATED  
OFF OF HALL STREET APPROXIMATELY  
1 1/2 - 2 MILES EAST OF THE SITE  
(THE OPC WAS INVESTIGATING). AN  
APPOINTMENT WAS SET UP WITH  
A MR. LEROY SCOTT TO SAMPLE  
THE WELL. IT WAS NOTED THAT THE  
WATER DEPT. WAS LOCATED ON  
HALL STREET IN WHICH THERE WERE  
FOUR (+) WATER WELLS.
- 9:15 A.M. - CONTACTED A MR. GEO VARNADO  
IN REGARD TO A PRIVATE WELL  
LISTED ON THE U.S.G.S WATER  
WELLS PRINTOUT IN PROXIMITY TO THE  
SITE (< 1 MILE) - (601) 264-6963 - VARNADO, OWNER,  
WELL # Dφ63. MR VARNADO SAID  
THAT THE WELL WAS ABANDONED MORE  
THAN 15 YEARS AGO
- 9:30 A.M. - TRIED TO CONTACT A REV. BARRY  
BELL IN REGARD TO A PRIVATE WELL  
LISTED ON THE U.S.G.S. WATER  
WELLS PRINTOUT IN PROXIMITY TO THE  
SITE (< 1 MILE) - 601-544-2611  
WAS UNSUCCESSFUL  
WELL #φ36. WATER DEPT.  
INDICATED THAT THIS WELL WAS PROBABLY  
NO. 2450 IN USE

- 2:30 P.M. - MEET WITH LEROY SCOTT OF THE WATER DEPT.
- 2:50 P.M. - SAMPLED WELL #1 (SHALLOWEST OF THE FOUR WELLS) WHICH MR. SCOTT INDICATED WAS APPROXIMATELY 400 FEET DEEP (#Dφφφ - U.S.G.S PRINTOUT) MR. SCOTT ALSO INFORMED ME THAT THE WELL WAS RUNNING THAT MORNING. I RAN THE PUMP ~~15~~ 10 MINUTES PRIOR TO SAMPLING

SAMPLE CODE #  
GS-PW-φ1

- 2 VOCs (PRES. HCl) - 40ml AMBER GLASS BOTTLES
- 2 SEMI VOCs - 1 LITER GLASS AMBER BOTTLES
- 1 PESTICIDE/PCB - 1 LITER AMBER GLASS BOTTLES
- 1 METALS (PRES. HNO<sub>3</sub>) - 1 LITER HDP BOTTLE
- 1 CYANIDES (PRES. NaOH) - 1 LITER HDP BOTTLE

- 3:30 P.M. - MEET WITH DAVID HAM OF THE CIVIL DEFENSE OFFICE IN REGARD TO A PRIVATE WELL LISTED ON THE U.S.G.S (#D1φφ) WATER WELLS PRINTOUT IN PROXIMITY TO THE SITE (<1 MILE). MR. HAM SAID THAT THERE WAS NOTHING AT THAT LOCATION (CIVIL DEFENSE OFFICE DID NOT OPERATE OUT OF THAT AREA FOR A NUMBER OF YEARS). ~~THEY HAD~~ <sup>MR</sup> HE HAD NO INDICATION OF HOW LONG THE WELL HAD BEEN ABANDONED.

- 4:45 P.M. - TRAVELED TO THE SITE TO RECON THE AREA ~~FOR~~ <sup>AND</sup> BY VISUALLY OBSERVING <sup>VERIFYING</sup> AREAS INTENDED TO BE SAMPLED DURING THE INVESTIGATION
- 5:45 P.M. - LEFT THE SITE TO CHECK-IN AT THE HOTEL