

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

ANALYSIS	CONTAINER	PRESERVATIVES
WATER SAMPLES: WATER SAMPLES	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 ₃ - 50% HNO ₃ 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/CYANIDES	1-250 ml AMBER BOTTLE	-

NOTES TAKEN BY: MICHAEL SLARK *Michael Slark*
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 # D663. 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 # D636. WATER DEPT. INDICATED THAT THIS WELL WAS PROBABLY NO LONGER 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 (#D44 - 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-01
- 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. HNO₃) - 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 (#D46) 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~~ ^{MR} HE HAD NO INDICATION OF HOW LONG THE WELL HAD BEEN ABANDONED.

- 4:45 P.M. - TRAVELED TO THE SITE TO RECON THE AREA ~~TO~~ ^{MS} BY VISUALLY OBSERVING ^{VERIFYING} AREAS INTENDED TO BE SAMPLED DURING THE INVESTIGATION
 - 5:45 P.M. - LEFT THE SITE TO CHECK-IN AT THE HOTEL