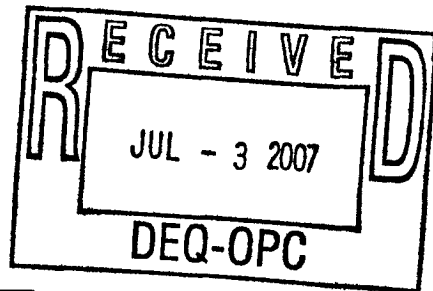


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# Vapor Recovery Project Monitoring Observations/Results



Prepared for:

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ELECTRIC**

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Prepared by:

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**Monitoring Summary**  
**Kuhlman Electric Facility**  
**Vapor Phase Recovery Project**  
101 Kuhlman Drive – Crystal Springs, MS

Environmental Management Services, Inc. conducted observation and sampling activities related to the Vapor Recovery Equipment installation project at the Kuhlman Electric facility in Crystal Springs, Mississippi on March 19, 2007 through April 2, 2007. Tasks associated with these activities included:

- Collection of soil samples for polychlorinated biphenyls (PCB) analysis from seven truck waste shipments and two soil samples from offsite borrow sites to be used as backfill,
- Collection of twenty air samples for PCBs at sample station locations in proximity to the work during the excavation and loading events,
- Collection of air samples for volatile organics analysis at 4 sample station locations during the work event,
- Collection of stormwater samples from the excavation for PCBs analysis during two post rainfall events.

A summary of the analytical results are discussed in the following sections.

**Polychlorinated Biphenyls (PCB) in soil**

PCBs were not detected above method detection limits in any of the seven waste soil samples or the two backfill samples.

**Polychlorinated Biphenyls (PCB) in stormwater**

PCB was detected in one stormwater sample at KEH-1 a concentration greater than the reporting limit of 0.5 ug/L. PCB-1260 was detected at a concentration of 0.669 ug/L. This stormwater was removed by vacuum truck, manifested, and transported to Waste Oil Collectors in Ocean Springs, MS for disposal by the contractor.

**Polychlorinated Biphenyls (PCB) in air**

PCBs were not detected above the method detection limit in any of the twenty air samples.

**Volatile Organic Compounds (VOC) in air**

VOCs were not detected in the air samples at concentrations greater than the OSHA permissible exposure limit (PEL) where limits were established.