



EnSafe / Allen & Hoshall

a joint venture for professional services

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July 8, 1996

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Subject: CTO-106; NSA Memphis RCRA Facility Investigation,
Millington, Tennessee

**Document Transmittal — Assembly F Site Investigation Plans
(Revision 1), July 8, 1996**

Reference: Contract N62467-89-D-0318 (CLEAN II)

Dear Sir:

Please find enclosed one copy of the NSA Memphis *Assembly F Site Investigation Plans (Revision 1)*. BRAC Cleanup Team comments on the draft have been incorporated into the document, as described in the attached Response to Comments memorandum. As requested, copies have been distributed as shown on the attached NSA Memphis RFI Distribution List. Upon official approval of the document, green replacement covers and spines will be distributed to identify it as a "final" version.

If you have any questions or comments of a technical nature, please contact me or Jim Rathbone at 901/372-7962. Comments or questions of a contractual nature should be directed to Debra Blagg at 901/386-9344.

Sincerely,

EnSafe/Allen & Hoshall

By: Lawson M. Anderson, CHMM
Task Order Manager

Enclosures: As Stated

cc: Contracts File: CTO-106 (w/out enclosure)
Project File: 0106-07132 (w/out enclosure)
SOUTHDIV: Ms. Kim Reavis/Code 0233KR (w/out enclosure)
Other: See attached NSA Memphis Distribution List

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Document Title: *Assembly F Site Investigation Plans (Revision 1)*
 Document Date: July 8, 1996
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Memphis and Shelby Co. Health Dept. Attn: Brenda Duggar 814 Jefferson Avenue Memphis, TN 38105 (901) 576-7741	Mail	Brenda Duggar	<u> 1 </u>

MEMORANDUM

DATE: July 5, 1996

TO: NSA Memphis Distribution List

FROM: Jim Rathbone, EnSafe/Allen & Hoshall *JRH*

RE: Response to Comments — Assembly F Site Investigation Plans for SWMUs 20, 22 and 63, 30, and 39; CTO - 0106

The following is a list of changes recommended by the BRAC Cleanup Team (BCT) to the Assembly F Site Investigation Plans — Revision 0 and the corresponding changes made by EnSafe/Allen & Hoshall to the reports. Unless otherwise stated the changes were universal to all four reports.

- The individual Health and Safety Plans were consolidated into one overall plan for all of Assembly F. In addition, the individual MSDSs were consolidated into one appendix of applicable MSDSs for all of Assembly F.
- The presumed wind direction was added to the Health and Safety Plan figure showing site work zones.
- The requirement for documentation of CPR and first-aid training was added to the Health and Safety Plan.
- The requirement for all supervisors to have received OSHA 8-hour Site Supervisor's training prior to onsite supervision was added to the Health and Safety Plan.
- The compounds acetone and methyl ethyl ketone were added to the exposure guidelines for expected site chemicals table for SWMUs 22 and 63 in the Health and Safety Plan.
- The compounds dichloroethene, perchloroethylene, Stoddard solvent, trichloroethene, and vinyl chloride were added to the exposure guidelines for expected site chemicals table for SWMU 39 in the Health and Safety Plan.
- A symptoms of exposure column was added to all of the exposure guidelines for expected site chemicals tables in the Health and Safety Plan.
- A clarification of where air monitoring will be performed (in the breathing zone within the work zone) was added to the Health and Safety Plan.

- Table 2 — Hydraulic Conductivity and all references to this table were removed from the reports as it was deemed not relevant.
 - Whenever a tank removal was mentioned in the reports, the depth of the tank pit was added or it was clearly stated the depth of the tank pit was unknown.
 - Soil and groundwater sampling rationale were added to each report.
 - The TPH method included in the FSA list of analytes was revised in each CSI to reflect the former contents of the tanks.
 - Reference to DQO levels for field and laboratory analyses were removed from the reports.
 - Where previous investigations were performed and contamination identified, the phrase "if contaminants were present" was switched to "to determine the nature and extent of contaminants" and the phrase "potential contamination" was switched to "extent of contamination".
 - For SWMU 20, the number of soil samples to be submitted for FSA was changed from 4 to 2.
 - For SWMUs 22 and 63, the number of soil sample locations was changed from 15 to 8 and the number of soil samples to be submitted for FSA was changed from 15 to 2. Also, the number of groundwater sample locations was changed from 15 to 5.
 - For SWMU 30, the number of soil samples to be submitted for FSA was changed from 5 to 2. Additionally, the suspected location of the leachate line was added to the SWMU 30 proposed sample points figure.
 - For SWMU 39, the number of soil samples to be submitted for FSA was changed from 5 to 2. Additionally, the location of the PCB storage area and the recent UST excavation were added to the SWMU 39 proposed sample points figure.
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