



EnSafe / Allen & Hoshall

a joint venture for professional services

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MEMORANDUM

TO: Mark Taylor/David Porter, SOUTHDIV
Tonya Barker/Rob Williamson, NAS Memphis
Jack Carmichael, USGS
David Williams, EPA
Jim Morrison/Jordan English, TDEC

FROM: Lawson Anderson, E/A&H

SUBJECT: Project Update and Projected Schedule of Activities; NAS Memphis RFI; Millington, Tennessee; CTO-094

DATE: November 13, 1994

GEOPHYSICAL SURVEYS: Field work is complete at SWMU 60 and will begin at SWMU 8 on Monday, November 14.

DPT SURVEY: Startup meeting is scheduled for 0800 on Monday, November 14. After the meeting, most of the first day will be spent setting up the lab trailer, constructing a decon area, marking sample locations, etc.. The first site investigated will be SWMU 3 (N-121 Plating Shop Drywell).

SWMU 45 INTERIM MEASURE: Field work was completed Thursday, November 10. Robert Smith reported the following:

Removing the soil from the top of the slab revealed that the slab is in fact 12'x 12'.

Stains were not evident on the slab surface; however, it did look as if the surface had been painted on purpose.

Coring the slab revealed a gravel base underneath and paint was discovered below the gravel when the soil sample was collected.

GRAY AREA INVESTIGATION: All gray area field work has been completed except the sampling of the lakes (Navy Lake, Tanya Lake, and Lake Louise) and the gasoline pits. The lakes will be sampled Monday, November 14. The subsurface sampling at the gasoline pits will

be conducted Friday, November 18 by Plains Environmental Services using a van-mounted, Geoprobe hydraulic soil-sampling system. E/A&H will collect the surface soil samples at the gasoline pits sometime between Tuesday and Thursday.

While we have the EM-31 instrument for the geophysical surveys at SWMUs 8 and 60, we will attempt to better define the former locations of the gasoline pits and the 500-gallon hydraulic oil tanks associated with them. If the pits and tanks have been removed as reported, their former locations might still be approximated based on the supply lines that were supposedly left in place. This will probably be done Tuesday or Wednesday.

The GPS survey of the sample locations is scheduled for Wednesday, November 16.

E/A&H AND USGS FIELD OFFICE TRAILER: The trailer was delivered on Friday, November 11. The steps will be delivered Monday or Tuesday. Robert Smith will deliver the check for the utilities deposit to Judy Fiene at NAS Memphis on Monday so that utilities can be hooked up.

MSCHD PERMITS: Greg Parker and Brenda Duggar (MSCHD) were onsite Thursday, November 10 to visit the BRAC SWMUs and discuss permit requirements for drilling and DPT work. Decisions made during the meeting were as follows:

Permits will be issued by assembly (\$125/assembly + \$50 emergency fee, if applicable).

Permits will be good for 90 days. After 75 days, we can ask for an extension. So, a permit can be extended to cover both DPT and drilling activities.

Logs must be submitted separately from reports within 30 days of completion of an assembly investigation and before the permit expires. For DPT, lithologic logs interpreted from piezocone data should be submitted.

Anytime a water sample is collected from a boring or DPT sounding, it is considered a well and a permit is required, even if the depth is less than 30 feet.

MSCHD will deduct the Assembly A fee from the check E/A&H submitted earlier. Fees for subsequent assemblies will be deducted from the balance.

A completed, signed application for Assembly A was given to the MSCHD representatives. Emergency permit #943141320 was issued by the MSCHD.

Two annual vendor passes each were obtained for the MSCHD and USGS.

CENTRAL DECON AREA: The current word is that the Millington POTW will require us to provide analytical results for the decon water before discharging directly to the sanitary sewer. If this is the case, we will rent a 1,000-gallon poly tank to store our decon water until

test results are received. Rob Williamson has located several portable buildings near the wash rack that we might be able to use to house the deionized/organic-free water system (to prevent freezing in cold weather). Delivery of the water system is scheduled for Wednesday or Thursday, so we need to work on this.

NEW BASE MAP: E/A&H has prepared a Statement of Work to secure a subcontractor for aerial photography and digitization of a new base map. We will coordinate with SOUTHDIV Contracts personnel before seeking bids.

CORRECTIVE ACTION MGMT. PLAN (CAMP): The revised CAMP is being reviewed by SOUTHDIV. As soon as we address any SOUTHDIV comments, the CAMP will be distributed.

RFI WORK PLAN: An approval letter with six comments has been received from the TDEC. EPA has issued an approval letter without additional comments. E/A&H will send out revised pages addressing the TDEC comments and the text changes related to Level III and IV DQO percentages/test methods (previously discussed with EPA).