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LETTER REGARDING TELECONFERENCE SUMMARY OF MCCOY ANNEX LANDFILL  
CONE PENETROMETER LOCATIONS WITH ATTACHMENT NTC ORLANDO FL  
11/22/1997  
BROWN & ROOT ENVIRONMENTAL

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October 22, 1997

Project Number 7457

Commanding Officer  
Department of the Navy  
SOUTHNAVFACENGCOM  
Attn: Ms. Barbara Nwokike (Code 1873)  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010

Reference: CLEAN Contract No. N62467-94-D-0888  
Contract Task Order No. 0024

Subject: Summary of Teleconference, 10/10/97  
McCoy Annex Landfill,  
Naval Training Center, Orlando, Florida

Dear Ms. Nwokike:

Attached is the final summary of the teleconference with the OPT regarding the CPT investigation at OU 2. There were no comments or changes to the draft faxed to the OPT members on October 15, 1997.

Sincerely,

A handwritten signature in black ink that reads "Steve B. McCoy".

Steve B. McCoy, P.E.  
Task Order Manager

SBM/smc

cc: Nancy Rodriguez  
John Mitchell  
Wayne Hansel  
Lt. Gary Whipple  
Bob Cohose  
John Kaiser  
Mike Campbell  
Gary Braganza  
File/Edb

## TELECONFERENCE SUMMARY

- Date:** October 10, 1997
- Time:** 10 AM EDT
- Subject:** OU 2 Cone Penetrometer Locations
- Participants:** Bob Cohose, Gary Braganza, Mike Campbell, Steve McCoy, Wayne Hansel, John Kaiser, Barbara Nwokike, John Mitchell, Lt. Gary Whipple
- References:** (1) aerial photo showing the DPT locations; (2) map of magnetometer results; (3) map showing Proposed CPT Locations; (4) text entitled " NTC Orlando OU 2 Cone Penetrometer Locations"; (5) groundwater elevation maps dated 6/24/86 (Geraghty & Miller) and 9/25/97 (B&RE markup)

The purpose of the teleconference was to review with the OPT the direct push results from earlier field events and the proposed CPT locations. The discussion is summarized below:

### Direction of Groundwater Flow

- John Mitchell suggested installing piezometer clusters to get a more accurate groundwater flow direction across the site. While it is planned that the groundwater flow will be defined during Phase II, B&RE will check to see if the DPT subcontractor can install piezometers and, if so, the technical limitations (i.e., depth) involved. CPT will be able to estimate a horizontal gradient at the site and sufficient lithologic data for monitoring well installation. GOAA will also be contacted regarding information on wells installed on their property.
- Monitoring wells will be necessary to define the extent of any potential metals plumes.

**Decision:** Piezometers may be installed during the remaining portion of Phase I, or Phase II, as appropriate, to better define the direction of groundwater flow.

**Action Item:** Mike Campbell - Contact DPT subcontractor regarding piezometer installation. Also contact GOAA regarding monitoring wells on the adjacent tank farm and possibly information regarding a deep well on the GOAA property.

### Clearance of Ordnance

- Wayne had a concern about unexploded ordnance (UXO) in the adjacent GOAA property - it needs to be cleared before proceeding with the investigation in this area. GOAA should also be contacted to obtain dig permits if required.

**Action Item:** Barbara - Contact the Mayport EOD regarding availability to clear adjacent GOAA property and to obtain reports or information to define the areas previously cleared.

**Action Item:** Mike Campbell - Contact GOAA regarding past reports on clearing UXO and obtaining access for the CPT rig, UXO clearing, and dig permits.

### Location of CPT Pushes

- Questions regarding the need for all of the Yellow locations were raised. The Yellow locations are intended for lithologic determination only. John Kaiser indicated that ABB has found the surficial aquifer to be generally continuous (not containing great depositional variability) from location to location.

**Decision:** Yellow # 3, # 4, and # 7 were converted to optional status. If the lithologies determined at the Red and Green locations are consistent across the site, these Yellow locations will not be needed and will be dropped from the program.

- Steve pointed out that the purpose of the CPT is primarily for defining the geologic stratigraphy. While the CPT rig is heavier and thus is able to penetrate to greater depth, DPT is significantly less expensive (~\$2.50 vs. \$10/foot). Where possible, additional pushes to define contamination plumes should be performed with DPT. The DPT subcontractor will perform a push at no charge to determine the maximum DPT depth possible at OU 2.

**Decision:** The CPT investigation will proceed as scheduled beginning on 10/13/97. The investigation will begin with pushes at the Red locations. No changes to the Red locations were made by the OPT, but access to Red #1 with the large CPT rig may be a problem.

**Decision:** If contamination is detected at locations Green #2, #3, #4, or #5, an attempt to define the extent of the plume will be made by collecting samples to the east at the same depth intervals and below the detected interval in case downward gradients exist.

**Decision:** Yellow #1 and Yellow # 6 will be moved south away from housing area and onto the golf course to locations near DPT pushes.

**Decision:** Yellow #2 will be moved westward toward the bunkers and closer to the contamination source. Additional locations may be added in this area depending upon the initial results.

**Decision:** Blue #1 will be moved closer to the site boundary, if possible, or another location may be chosen.

**Action Item:** Gary Braganza - Check with the City or County to obtain permits for pushes along Boggy Creek Road, and try to obtain access to private property to the west of the landfill.

The teleconference was closed with a summary of the decisions and action items. B&RE committed to issuing a summary of the discussion to the OPT.