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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 21 MAY 1999 NTC
ORLANDO FL
4/21/1999
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM MEE

Date: April 21-22, 1999
 Location: Oak Ridge, TN
 Team Leader: Steve McCoy
 Scribe: Nancy Rodriguez
 Gatekeeper/Timekeeper: Rick Allen

ATTENDEES**OPT Members**

Rick Allen
 Dave Grabka
 Wayne Hansel
 Robin Manning
 Steve McCoy
 Nancy Rodriguez

Support Members

Barbara Nwokike
 Mark Salvetti
 Mike Campbell

Guests

Rina Ayers, Tt NUS
 Paul Tomiczek

HANDOUTS DISCUSSED AT THE MEETING

1. R Allen, UST/IR Update and Status, Printed Apr 99
2. KmnO4 inorganic Constituents Table
3. FDEP Central District Guidance for Use of Closed Landfill Areas
4. Tt NUS draft procedure IR soil contamination sites
5. Appendix C, Technical Basis for the TRPH SCTL
6. HLA Letter, OU3 Final Draft FS Report, Response to Comments
7. FDEP Memo, Validation of the Massachusetts DEP Extractable Petroleum Hydrocarbon Method and Comparisons to the Working Group Method.
8. HLA Well Abandonment Letter

21 Apr 99

CHECK-IN

Steve started the meeting at 0830 with the OPT members listed above in attendance. Gary and Alan were absent. Al gave his proxy to David Grabka, and Wayne had Gary's. After the personal updates, action items and the agenda were reviewed, and groundrules were read. The action item status is presented below:

1. **ACTION ITEM:** Bob/Robin, have data for OU 4 wells evaluated. **Status: Done**
2. **ACTION ITEM:** David, meet with UIC people and other waste clean-up people about OU 4 Pilot Study. **Status: Ongoing**

3. **ACTION ITEM:** Gary to issue letter re tanks (Aug 10 HLA letter), locate wells (SA 39). **Status: Gary to provide city and OUC notice of damaged wells.**
4. **ACTION ITEM:** Rick to confirm that temp well TW-01 at Bldg 2040 did not contain free product during the 3/9/99 sampling. **Status: Done**
5. **ACTION ITEM:** Dave to check and report back as to whether hand auger installed PVC pipe with screen is satisfactory with the State. **Status: Done**
6. **ACTION ITEM:** Robin to get back in touch with the golf course manager to discuss the upcoming work at OU 2. **Status: Done**
7. **ACTION ITEM:** Dave check to see if the signs can be removed from SA 2. **Status: Done**
8. **ACTION ITEM:** HLA to prepare fact sheet and mini-ROD for SA 52. (Note: Responsibility for this action has been switched to Tt.) **Status: Underway**
9. **ACTION ITEM:** Tt to review existing data for SA 35 to see if only >3.0 mg/kg hot spots need to be removed (cleanup based on the 95% UCL). **Status: Done**
10. **ACTION ITEM:** Tt to write up the technical approach for determining the 95% UCL after soil removal. **Status: Done**
11. **ACTION ITEM:** Gary to check on building removal from SA 8. **Status: Done**
12. **ACTION ITEM:** Tt to reevaluate cleanup at SA 8 in light of the 95% UCL determination to define the dig area. **Status: Done**
13. **ACTION ITEM:** After the IRA removal from SA 8, Tt to run the 95% UCL calc to determine if the cleanup is complete. **Status: IRA to begin week of 4/26/99**
14. **ACTION ITEM:** Tt to prepare investigation work plans for SAs 18 and 39. **Status: Underway**
15. **ACTION ITEM:** Nancy to provide discussion of ICs in writing and present to the Team at the April meeting. **Status: Done**
16. **ACTION ITEM:** Tt to provide to GOAA a writeup of UXO scan prior to the well installation at OU 2, describing the methodology, and providing the name of the driller who installed the wells. **Status: Underway**
17. **ACTION ITEM:** Wayne to provide to GOAA a copy of the response to Herndon residents' concerns about signage. **Status: Done**
18. **ACTION ITEM:** Steve to assign a date to the next revision of the Developer Transition Manual. **Status: Done**

UST/IR UPDATE

Rick presented the UST/IR Update. See handout.

John K. prepared a memo about future OPT membership and activities. Rick has it but forgot to bring copies to the meeting.

ACTION ITEM: Rick will e-mail a copy of the draft memo to the team for review and comments. Due 4/22/99

TRANSFER UPDATE

Wayne presented the Transfer Status and Update. The Main Base transfer MOA is still under discussion between the Navy and City lawyers.

TIER II UPDATE

John kaiser was not able to attend the meeting, therefore we had no Tier II update.

BRAC FUNDING

DoD has frozen the money that has not yet been awarded. Barbara is negotiating the 3 PCE plume sites with CH2MHILL. She may be able to get the funds if we move fast.

OU 2

Bechtel got orders to proceed and mobilized last week. Health and Safety plan was revised to include methane monitoring. Will notify the Navy if waste is exposed during field activities. Bechtel will have a waste handling and disposal contract in place to manage haz waste if found. One active burrow was located inside the working area. A Tt NUS biologist performed a gopher tortoise survey of the OU. Agencies (Fish & Wild Life) were contacted to determined the steps to follow if active burrows are found. They said it's okay to continue with field work if we stay 50ft away from the burrow. We would need a permit to relocate the burrow.

A pre-construction meeting was held with the ROICC. Action items that came out of this meeting are; (1) ACTION ITEM: Wayne to contact the Army Corps about dredge and fill permit requirements in a wetland area. The Navy got verbal approval from the Water Management District but did not get anything in writing. The ROICC officer wants the approval in writing before proceeding with the field work. Some grubbing is planned in the wetland area but no tree harvest. (2) ACTION ITEM: David will find the name of the Army Corps and the Central District contact person. (3) ACTION ITEM: Robin needs to send a copy of Bechtel's workplan to the South Florida Water Management District. The ROICC officer also asked for concurrence letters from the EPA and FDEP indicating that the soil to be removed from SA 40 is suitable to use as cover material at OU2 McCoy landfill. Trucks will be hauling soil to different destination: McCoy Annex Landfill, Subtitle D landfill, and TSD facility. A logging system will be established to identify soil material and truck destination. Trucks will show this information. The jurisdiction of Boggy Creek has not been established. Need to obtain a temporary access from either the City of Orlando or Orange County. Hauling to McCoy Landfill is scheduled to start April 26th.

BUILDING 369

HLA submitted a report recommending NFA. FDEP can approve NFA if institutional controls are included. TRPH levels are above residential but below industrial SCTLs. Dave discussed the three options we have at this site.

- (1) Do soil removal

- (2) Evaluate the results. Compare these to the chart in Appendix C, SCTL TRPH (see handout). Demonstrate that there is no risk and that institutional controls are not needed.
- (3) Do an NFA with restrictions

These options are included in FDEPs letter. Will discuss this further with Nick U.

MONITORING WELL ABANDONMENT

HLA completed abandonment of 31 monitoring wells and 1 piezometer. A letter was mailed on April 14, 1999 addressing this issue.

SA 2

EPA and FDEP reviewed the site screening report. Nancy can't agree with HLA's recommendation to reclassify the property as Blue/Category 2. The source of the benzene plume has not been identified and even when only benzene was found above the standards, some VOCs were detected in the groundwater. It was decided that classifying the property as Dark Green/Category 4 will be more appropriate, once the remedial action is in place. The parcel will include institutional controls for the landfill and groundwater. Also a monitoring program will be established to monitor the benzene plume. The team decided to follow FDEP Chapter 62-770 at this site.

ACTION ITEM: Dave to discuss this issue with management and obtain approval to classify the property Dark Green/Category 4. Due May 19, 1999.

HLA will incorporate comments in the report. Will include recommendation to sample yard wells. The County will sample wells if homeowners make the request. These wells are not deep enough to reach the plume.

OU2 RI COMMENTS

Steve went thru some of FDEP's comments (technical and human health risk). It does not agree to use 50 mg instead of 5 mg because it will set up a precedent. Its position is that even if they use this number it will not change the overall result of the risk assessment.

It has not yet reviewed FDEP's eco risk comments but apparently It does not agree with some of the University of Florida comments.

Mercury was found in some of the water samples. Wayne clarified that Mercury analyses have to be done by a mercury certified laboratory. Steve will investigate this issue.

ACTION ITEM: Nancy to send EPA's comments. Due week of April 26th.

OU3 GW DATA

Tt presented the new gw data. At SA 8, herbicides were all non-detect. Arsenic, although it changed in some wells, pretty much stayed the same. At SA 9, we had new detects-- alpha chlordane and thallium. Herbicides were not detected and arsenic fluctuated.

SA 8 & SA 35 SOIL CLEANUP EVALUATION (95% UCL)

Tt presented the results after following the risk based approach procedure prepared by Tt for IR sites with soil contamination (see handout).

Results showed two additional areas at SA 35 needing remediation because of PAH detections and one sample with As at 1.1 that does not need to be excavated.

Results for SA 8 showed that for industrial scenario we could cut the number of As locations to about ¼. However, for the current residential reuse, the evaluation showed 1 additional area outside the fence requires removal.

Decision SA 35: Sample no. 901 does not have to be excavated. However, the 2 other PAH locations recommended by Tt will not be remediated.

ACTION ITEM: Rick to notify the DET not to excavate sample no. 901.

Decision SA 8: Dig up soil inside the fence line. Include areas along the entrance.

ACTION ITEM: Steve to provide map with excavation areas for SA 8.

OU3 FS

HLA went thru their response to FDEP's additional comments (David's and Bill Neimes'). Only discussed David's comments during the meeting.

ACTION ITEM: David to review HLA response to comments with Bill Neimes. Due May 19, 1999.

SA 54

Gary could not attend this meeting, therefore, we could not get an update on this SA. Wayne said that Gary sent the site screening report to the Army National Guard but he doesn't know if Gary has heard back from them. The team decided to discuss this SA at the next team meeting.

22 Apr 99

OU4 RI

Mark Salvetti went thru HLA's response to DEP's and EPA's comments. Mark didn't have copies to distribute to the team but said that HLA will be sending these out soon. HLA requested to receive approval from EPA and FDEP because not all comments were not addressed as requested by the regulators.

ACTION ITEM: HLA to mail OU4 RI response to comments.

ACTION ITEM: Dave and Nancy to review and approve/disapprove HLA proposed response to comments.

OU4 IRA

Latest data show some inconsistencies with UVB 1. Influent numbers seem low. Weston is doing an O&M inspection soon. Bechtel provided these data for their review. Influent and effluent numbers indicate that the system is not running efficiently.

OU4 KMnO4 PILOT

Dave provided a table prepared by HLA showing Florida Primary Standards at different percentage solution of standard and pharmaceutical grade KMnO4. Based on the data presented here, primary standards will not be exceeded using 6.3g/l standard or 7.5g/l pharmaceutical solutions. For secondary standards HLA could get a variance from the State. David's concern with the data on this table is that the numbers were obtained using deionized water but more accurate numbers will be obtained when we do the pilot test with actual groundwater. Also David wanted to know if numbers were obtained from a water sample or solid sample.

SA 18 and SA 39

Mike Campbell presented Tt investigation recommendations for these 2 study areas. For SA 18, Tt recommend to resample well no. 18-01 for Thallium and Vanadium. Ensure that TSS is < 10 NTU. If TSS is > 10 then do a filtered and unfiltered sample. Data obtained during UST investigations will be integrated to IR data. Will do DPT to determine the extent of chlorinated solvent.

For SA 39, Tt proposes to determine the vertical and horizontal extent of PCE plume. Reinstall the 7 MWs destroyed by the City. Optimize the location by using DPT.

TECHNICAL MEETING; SAs 17, 36, and 39,

Wayne summarized what was discussed at this meeting. Options discussed to address PCE plumes at these sites include: chemical oxidation, air sparging, and addition of nutrients (i.e.

Molasses). CH2MHILL will submit their proposal to the Navy in two weeks. Barbara will try to get these sites funded with FY99 funds.

SITE SCREENING REPORTS

The BCT signed SA 17, SA 52 and SA 39 reports. These reports are now final.

CLOSE-OUT AND CRITIQUE

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3 SA reports signed fishing good accommodations covered agenda finished early beautiful mountain drive beautiful weather	Lots of people missing in action Hotel arrangements Vibrating office projector