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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 23 JUNE 1999 NTC
ORLANDO FL
6/23/1999
NAVFAC SOUTHERN

**ORLANDO PARTNERING TEAM
MEETING MINUTES
ATLANTA, GA
23-24 JUNE 1999**

Team Leader - Rick Allen
Recorder - David Grabka

Gate Keeper/Timekeeper - Wayne Hansel
Facilitator - none

ATTENDEES:

OPT MEMBERS:

Rick Allen
David Grabka
Wayne Hansel
Steve McCoy
Nancy Rodriguez

SUPPORT MEMBERS:

Barbara Nwokike (SDIV)
Nick Ugolini (SDIV)
John Kaiser (Tier II)

GUESTS:

Mark Salvetti (HLA)
Robin Manning
(Bechtel)

Handouts Discussed At the Meeting

1. Open OPT *ACTION ITEMS* (Updated June 1999)
2. UST/IR Update and Status (June 1999, 4 pages)
3. Supplemental Site Screening Plan, Study Area 37 (June 23, 1999, HLA)
4. Environmental Site Screening and Remedial Action for Study Area 52 (June 1999, TetraTech)
5. NA Monitoring and Alternative Technology Screening, Herndon Annex Study Area 2 (HLA)
6. Memo: Completion of Site Work at OU 3 (June 11, 1999, Environmental Detachment)
7. Memo: Completion of Site Work at SA 18 (June 11, 1999, Environmental Detachment)
8. OU 4 IRA Groundwater Data (HLA)
9. Proposed Plan Operable Unit 3 (June 1999, HLA)
10. Groundwater Natural Attenuation Parameters (June 22, 1999, TetraTech)
11. Success Story example, NAS Pensacola

June 23, 1999

Check-In, Action Item Review

Rick Allen opened the meeting at 8:00 am with all OPT Members listed above in attendance. Al Aikens was not able to attend as his wife had recently underwent surgery. Dave G. filled in as scribe. Ground Rules were reviewed after sharing personal updates. The following *ACTION ITEMS* were reviewed. Carry over items are listed on the Action Item Summary attached.

CARRYOVERS

1. *ACTION ITEM:* David, meet with UIC people and other waste clean-up people about OU 4 Pilot Study. **Status:** Ongoing, FDEP has received the request for variance for potassium permanganate from HLA. According to Bill Neimes, the variance request looks good and he will recommend approval to FDEP's Office of General Counsel.
2. *ACTION ITEM:* Gary to issue letter re tanks (Aug 10 HLA letter), locate wells (SA 39). **Status:** Ongoing. Wayne H. to follow up.
3. *ACTION ITEM:* Tt to prepare fact sheet and mini-ROD for SA 52. **Status:** Fact sheet done and reviewed during meeting. Mini-ROD to follow.

NEW ITEMS

4. *ACTION ITEM:* Nick U. to implement soil removal at Bldg 369. **Status:** In progress.

5. *ACTION ITEM:* Nick U. to implement soil removal at Bldg 2036. *Status:* *In progress.*
6. *ACTION ITEM:* D. Grabka to check on status of SAR comments re Bldg 7125. *Status:* *Done.* *Review letter faxed to HLA.*
7. *ACTION ITEM:* Rick to mail Tier II minutes to OPT from April. *Status:* *Done.*
8. *ACTION ITEM:* Rick to make changes in J Kaiser memo (Future Plans for OPT) suggested by OPT and convey to J. Kaiser prior to June 9 Tier II meeting. *Status:* *Done.*
9. *ACTION ITEM:* Robin - Copy of Y2K letter to Wayne. *Status:* *Done.*
10. *ACTION ITEM:* Steve M., provide recommendations regarding resampling of groundwater, surface water, sediment due to high turbidity. Submit to OPT by Email by 5/26/99. *Status:* *Done.* *Only FDEP had comments. FDEP suggested testing for TDS, TSS, alkalinity and hardness. TetraTech proposes that those parameter be run on 20% of samples. Analyses are only \$10 a piece.*
11. *ACTION ITEM:* OPT to provide Rick with comments on Proposed Plan (OU 3) by Thursday, June 3. *Status:* *Done.* *Agenda item.*
12. *ACTION ITEM:* Rick to finalize report for SA 2. *Status:* *Done.* *After extensive e-mailing of red line/strikeout versions of the ESS report and regulator comments, the wording of the report was finally acceptable to both EPA and FDEP. Sign-off page signed at meeting.*
13. *ACTION ITEM:* Rick to finalize report for SA 36. *Status:* *Ongoing.* *The red line/strikeout copy of the ESS report has been reviewed with only a change to a figure suggested by FDEP.*
14. *ACTION ITEM:* Rick to send Tt lab data for 18G00102. *Status:* *Done.* *Already had it in database.*
15. *ACTION ITEM:* Steve/Alan Discuss NA parameters for Sas 17, 36, 39. *Status:* *Ongoing.*

OU 1 Monitoring

FDEP was disappointed in the Environmental Detachment's monitoring reports for OU 1. Deficiencies in the landfill cover and unsatisfactory monitoring well conditions were not brought to the Navy's attention in a timely manner to be fixed. The reports were very late. There were also quality control issues as alpha and gamma chlordane were detected in a pre-cleaned equipment blank, the initial field blank and three samples collected afterwards. Also, the reports were submitted as drafts. FDEP does not want to see draft monitoring reports. Wayne suggested that we have landfill cover deficiencies shown on a figure in the report. We were not able to find the problems noted when the site was visited after last months OPT meeting.

Wayne said that the Environmental Detachment was out at OU 1 last week. There was a drum fiasco as a permit request for the Navy's discharge to the City's sewers was lost. With the data dump from the base to SouthDiv, papers were most likely lost.

OU 2 RI Comments

TetraTech does not have ecological risk assessment response to comments. Steve proposes to do teleconference to resolve any outstanding issues. Feasibility Study on hold until resampling done. Sampling to start 6/24/99.

Action Item: Nancy to check if Ted Simons has sent comments on human health risks at OU-2.

SA's 17, 36, 39

Steve handed out list of Natural Attenuation parameters to be analyzed for. The chemicals on the list were taken from FDEP and EPA protocols. Contract has been awarded to CH2M Hill.

SA 54

Team thinks we can close out site screening report with general (wishy-washy) recommendations and conclusions stating that we will continue to investigate and look at potential remedial options.

Action Item: Rick to get out Final Site Screening Report for Study Area 54.

SA 37

HLA proposes to install 5 microwells in the shallow aquifer in the vicinity of formerly contaminated soils to determine whether excavation activities has caused groundwater contamination. Detachment had to go 5 feet further to the east from where excavation line had previously been drawn. HLA proposes that only arsenic and pesticides be tested for.

Decision: Team concurs with HLA recommendation to install 5 microwells at SA 37 to check for groundwater contamination after the contaminated soils have been removed. One well will be within the excavation area and the other 4 are to be located one to each side of the area excavated. Groundwater will be tested only for arsenic and pesticides.

UST, IR, Transfer, and Tier II Updates

1) UST/IR: See handout, *UST Update and Status, June 1998*. Highlights are as follows:

Rick Allen went over updates of UST and IR sites.

1) UST Sites: Building 129. FDEP has sent out comments on the SAR. While no petroleum constituents were found in soils or groundwater, lead and chromium exceedances in groundwater were noted in the report. FDEP also found that two wells also had exceedances of mercury. FDEP concurred with HLA's recommendation that the wells be resampled with an effort to reduce turbidity. If metals in groundwater are confirmed by future sampling and analyses, this site may need to be added to the IR program.

Action Item: Dave to check on MOP Approval Order for Building 200.

John Kaiser gave a short presentation of where we are at with Building 7175. 1300 tons of soil were removed, wells have been put back in place and retested. They found a small amount of soils contamination directly above the water table at the southern end of the excavation. They found benzene and naphthalene in groundwater in MW-4. HLA proposes to install two microwells, one immediately downgradient of soil boring SB-21, the other downgradient of MW-4. If proposal is approved, monitoring wells would be installed in the next week or two.

Decision: Team concurred with HLA's proposal to install two microwells in the locations proposed by HLA.

Action Item: Wayne to coordinate with the City of Orlando on their plans for Building 109. Navy needs guidance on whether to close out the tanks, fill in place, remove them, etc.

Tank Closure Assessment Reports are out on the latest tank pulls.

2) Transfer: Wayne discussed progress with the transfer. Lawyers are working on restrictive clauses in the deed as well as restrictive covenants. Wayne has received a fax of the outstanding issues left to be resolved between the lawyers.

Lawyers are trying to get special legislation through Congress to transfer the property to the City. This special legislation cannot be challenged in court.

EBS and FOST should be out for McCoy Annex GOAA property, excluding SA's 17 and 18.

FOST and EBST for Herndon Annex is in preparation. Since several of the buildings have not been maintained, poor air quality was noted in them. Lead paint, asbestos and air quality will be referenced in the EBS.

According to Wayne, deed has not been done by the Dept. of Interior on the McCoy Annex Public Benefit Conveyance. Property has been transferred to parks.

City does not want to renew and is terminating the lease for the north end of Main Base, the RTC property. City does not want the liability. Several cars have run through the fences there recently. Also, although the period of time covered under the agreement with the "cat lady" is up, she still wants back in. So far Navy has been firm in not letting her back in.

3) Tier II: Tier II met two weeks previously in Atlanta. Main topics were the Charleston Shipyard cleanup. They are looking at a fixed price cleanup for the shipyard where the contractor indemnifies the Navy, then gets paid when they get No Further Actions.

Tier II discussed NTC Orlando. State wants contractor/developer to have a performance bond on the completion of work at the Main Base Golf Course. State also wants a firm schedule to be in place for the performance of work at the golf course. Jim Crane talked about document review and the problems the state has been having getting some sites signed off on.

Other topics included FDEP's new rule, Chapter 62-777, arsenic cleanup, facilitation, Orlando's lead-based paint issue, training needs assessment, EPA's reduction in size, Key West's goals statement, loss of Tier II members and success stories. Success stories are on EPA's Fed Facilities web site. They are looking for a new outline for the stories. No longer a pre verses post partnering format, but still want time and cost savings. Jerry Arcero is leaving to work on George Bush's presidential campaign. Paul Tomaczek, Bechtel, is being replaced by Mack McNeill. Next Tier II meeting is in Orlando on October 5th, 6th, and 7th. NTC Orlando and NAS Pensacola will be the briefers, with NTC Orlando's briefing to be done on October 6th.

OU-4 Pilot Study

HLA has sent request for variance for the potassium permanganate injection and FDEP has received it. From all indications, the request for variance will be approved. It has caused some discussion, as several chemicals that the variance covers were not covered in a IT Corporation variance request.

Action Item: Dave to check to find out if it is absolutely necessary to have the variance approved in writing prior to running a Pilot Study. It is believed that Pilot Studies may be exempted from the process.

OU-4 RI/FS Comments

Action Item: Dave to find out if risk assessment comments have been looked at by Ligia or University of Florida risk assessors. If there are outstanding issues, see if teleconference can be set up.

OU-3 Proposed Plan

A heated discussion occurred concerning FDEP's reluctance to go forward with the Proposed Plan prior to having completely signed off on the RI/FS. HLA and rest of team think that with partnering and trust between team members that there should be no problem proceeding forward. Dave has concerns that the RI/FS results are not reflective of what is being proposed in the Proposed Plan in that we have not received the Naval Detachment's report on what was excavated and what was left on site, or the groundwater analytical results that TetraTech performed recently which identified significant changes in groundwater contaminant concentrations. Team decided to move forward with the OU-3 Proposed Plan, FDEP reluctantly, but with Navy, DEP and EPA concurrence replaced by BCT concurrence. We are shooting for handing the Proposed Plan out at the next RAB meeting. Rick handed out latest Proposed Plan. We wordsmithed the document to death. Significant changes will need to be made concerning land use restrictions on the property.

Action Item: Steve to get the latest groundwater analytical data to Rick and rest of the team for OU-3 to be referenced in the Proposed Plan.

Action Item: Barbara to get the Detachment's soil removal report out to the team, also for incorporation into the Proposed Plan.

OU-4 UVB Wells

Robin Manning began with an update on the system's performance and a discussion concerning FDEP's recent comments on the 2nd and 3rd quarter monitoring reports. There have been problems meeting reinjection performance standards and pumping rates. They have recently had scaling problems in the reactor chamber. This reduces the treatment efficiency by allowing less volatilization to occur. Also, one well has been down two months. While the system has been running, there has been a marked reduction of groundwater contaminant concentrations immediately downgradient. From the many problems that have come up with the wells, the operability of the system seems to require much more frequent O & M. With Bechtel not having dedicated personnel in the vicinity to perform O & M, it has been difficult finding problems in their earlier stages and correcting. With CH2M Hill coming on board, this should improve drastically. Other news: the site has been consuming lithium batteries at a pace faster than would be expected, 3 transducers have been sent out for repair, the remaining 7 transducers need to be evaluated. The recirculation system has been cycling. We can't put water back in as fast as we can pull it out. This is a real difficulty. The system starts up after a shut down being able to reinject about 6 gallons/minute. This degrades to about 1 gallon/minute in one or two weeks. FDEP is concerned that the system is not consistently meeting its performance objectives and that with the current changes to the system, may be skirting laws that are required to be met. According to Robin, the system has been fully running about 60% of the time and lately is not operating up to its performance specifications. FDEP is also concerned that the system is not a viable long-term option as a component to a final remedial design for the site. Mark Salvetti handed out some analytical data summarizing contaminant concentrations in monitoring wells, well points and influent/effluent. The analytical data shows that wells immediately downgradient have had reductions in contaminant concentrations to the point where we are attaining surface water standards in well points in the lake that are immediately downgradient from the UVB wells.

OU-2 IRA

IRA project has moved along nicely. Hot spots have been completely removed. They have resodded golf course areas to the satisfaction of golf course personnel. Tree removal and grubbing is essentially completed. Chipping of tree roots is ongoing. Bechtel is giving back some money received from selling the trees.

Bechtel received permit for gopher tortoise relocation from the Florida Game and Freshwater Fish Commission. They have relocated one tortoise. Gopher tortoises on site appear to be pretty intelligent and resourceful. One filled in the capture bucket with sand so that it could get out of its burrow. Others have been trying to get through the silt fence intended to keep the tortoises out until after site work is completed. It is expected we will have more burrows by the time we are ready to accept dirt from the Main Base Golf Course.

Wetland issue concerning the pond in the northwest edge of the IRA work area have been resolved. Bechtel is also installing temporary road from Boggy Creek Road onto the site. Bechtel should be demobilizing within one to one and a half weeks. Barbara is looking at possibly fencing area to keep out trespassers.

June 23, 1999

Rick handed out sheets from the Environmental Detachment, "Completion of Site Work at OU 3 and SA 18." Team wants to see confirmation sampling results and site maps showing area excavated.

SA 2 Focused Feasibility Study

Mark Salvetti handed out SA 2 Natural Attenuation Monitoring and Alternative Technology Screening packet. Groundwater contaminant concentration data was entered into the Bioscreen model. Source was assumed to be 10 kg of benzene, max. concentration at the source was assumed to be 200 ppb benzene from the maximum DPT detection. The model predicts that it would take 30 years to attain MCLs at the property boundary, 30 to 35 years to attain MCLs inside property boundary, and 15 years in the residential area. The other technologies evaluated were pump & treat and pump & treat with enhanced bio (oxygen addition). From modelling, it is estimated that 20 years would be required under the pump and treat scenario, and 7 years under the pump and treat with enhanced bio. Costs for pump and treat with enhanced bio are substantially higher than the costs for monitored natural attenuation; \$1.95 million versus \$366,000. Wayne suggested running the model with monitoring well numbers instead of DPT data. FDEP pointed out that there are two potential points where exposure could occur; from the lawn watering wells and from discharge to the drainage ditch.

Mini-RODs (SA's 17, 18, 23, 35, 36, 37, 40, 42, 52); fact sheets (SA's 36 and 52)

Several of the mini-RODs are after-the-fact as contaminated soils have been removed by the Environmental Detachment - Charleston. Some sites will require land use restrictions, other will need to specify a remedial action for groundwater. The team mainly discussed the mini-ROD for SA 40.

The SA 40 mini-ROD should require a notification clause in the deed to future property owners of landfill material located on site, with language specifying that if the material is dug up, the material should be reburied or properly disposed of. A restriction from bringing landfill or contaminated material to the surface where people may be exposed should be specified. Also, the Navy should be notified if hazardous wastes are discovered on site. Also, a section of the mini-ROD should discuss the results of groundwater testing.

Document Reviews

Mark Salvetti proposed that instead of the current method of responding to comments, that the consultant provide red-line/strikeout versions of pages of the report that require changes. This will make the response to comments reports more unwieldy, but may save time in reviewing the final document. We will try the proposed format to determine if it speeds up document reviews.

Detachment OU 4 IRA PCB data

Mark said that there were some difficulties in the soil removal IRA at OU 4. One location needed confirmatory sampling from each wall for PCBs and arsenic. Arsenic came out ok. However, two of four samples had zero percent recovery of surrogate for PCBs. Other two samples found PCB concentrations to be ok.

SA 2

The Environmental Site Screening Report for SA 2 was signed by the BCT.

SA 36

The team is fine with the red-line/strikeout changes to the Environmental Site Screening Report for SA 36. DEP wanted a figure checked to see if the sectioning of the property on the figure corresponded to all soil sample locations and monitoring wells.

SA 52 Fact Sheet

The team wordsmithed the SA 52 Fact Sheet prepared by Tetra Tech.

Critique, Agenda, Close-Out

POSITIVES (+)

- Eats
- SA 2 sign-off
- Final report approach format
- On schedule

DELTA (Δ)

- Low energy
- No fire day #1
- CH2M Hill missing
- Dave scribe
- Barbara late

Future Meeting Schedule

July 21 and 22, 1999 - Orlando

August 18 and 19, 1999 - Charleston, S.C.

September 15 and 16, 1999 - Orlando

OPT AGENDA
July 21 - 22, 1999
Orlando, FL

TEAM ASSIGNMENTS

Team Leader: Dave Grabka
 Recorder: Al Aikens
 Gate/Timekeeper: Wayne Hansel
 Facilitator: Ann Marie Liddy
 Tier II Link: John Kaiser

SUPPORT

Barbara Nwokike (SDIV)
 Nick Ugolini (SDIV)

EXPECTED GUESTS

<u>Time</u>	<u>Subject</u>	<u>Objective</u>	<u>Lead</u>
July 21			
0830	Check-In, Act Item Review	Administration	DG
0930	UST/IR/Transfer Updates	Information transfer	RA/WH
	Tier II Updates	Information transfer	JK
1030	BREAK		
1045	SA 2 - Monitoring Plan/FFS	Decision	SM
1145	LUNCH		
1300	RAB preparation (SA 52 and OU 3)	Preparation	WH
1400	Training		AM
1500	BREAK		
1515	SA 36	Signoff	RA
1530	Shipyard IRA data report	Information transfer	BN
1630	Adjourn		
July 22			
0800	BRAC Strategy Conference	Preparation	WH
1000	BREAK		
1015	SA 54	Discussion	DG
1045	OU-2, OU-3, OU-4	Update	RA/SM
1145	LUNCH		
1300	UST closures and updates	Information transfer	NU
1330	SA 18 results	Information transfer	RA
1400	Checkout		DG
1500	Adjourn		

ACTION ITEM SUMMARY

July 99' Meeting

1. *ACTION ITEM:* David, meet with UIC people and other waste clean-up people about OU 4 Pilot Study.
2. *ACTION ITEM:* Gary to issue letter re tanks (Aug 10 HLA letter), locate wells (SA 39).
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