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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 21 JULY 1999 NTC ORLANDO FL
7/21/1999
NAVFAC SOUTHERN

ORLANDO PARTNERING TEA

MEETING MINUTES

Orlando, FL
21-22 JULY 1999

Team Leader - David Grabka
Recorder - Al Aikens

Gate Keeper/Timekeeper - Wayne Hansel
Facilitator - Ann Marie Lyddy

ATTENDEES:

OPT MEMBERS:	SUPPORT MEMBERS:	GUESTS:
Al Aikens	Barbara Nwokike (SDIV)	
Rick Allen	Nick Ugolini (SDIV)	
David Grabka		
Wayne Hansel		
Steve McCoy		
Nancy Rodriguez		

Handouts Discussed At the Meeting

1. Open OPT *ACTION ITEMs* (Updated July 1999)
2. UST/IR Update and Status (July 1999, 5 pages)
3. SA 2 map showing locations of monitoring wells proposed to be sampled.
4. SA54 Site Screening Report proposed revisions - (revised pages[4])
5. Remediation cost estimates for OU 3, OU 4, SAs 17, 18, 36, and 39 for the BRAC Strategy meeting.
6. OU 3 monitoring results with proposed wells to be resampled and analytical parameters.
7. SA 39 DPT sampling results
8. SA 18 historical and 5/99 sampling results
9. SA 8 & 9 quarterly sampling results and monitoring well sampling plan
10. Memo from Allen Jenkins/TtNUS to Steve McCoy regarding SA 9 groundwater fluctuations

July 21, 1999

Check-In, Action Item Review

Dave Grabka opened the meeting at 8:30 am with all OPT Members listed above in attendance. Ground Rules were reviewed after sharing personal updates. The following *ACTION ITEMs* were reviewed. Carry-over action items are listed on the Action Item Summary attached. Agenda was reviewed and modified.

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. Steve to attempt to locate damaged wells during the investigation and abandon them as appropriate.*

3. *ACTION ITEM*: TtNUS to prepare fact sheet and mini-ROD for SA 52. Status: Fact sheet done. Mini-ROD to follow.

4. *ACTION ITEM*: Nick U. to implement soil removal at Bldg 369. **Status:** *Pending until new contractor is brought online, anticipated for November-December 1999.*

5. *ACTION ITEM*: Nick U. to implement soil removal at Bldg 2036. **Status**: *Pending until new contractor is brought online, anticipated for November-December 1999.*

6. *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.*

7. *ACTION ITEM*: Steve/Alan Discuss NA parameters for SAs 17, 36, 39. **Status**: *Done.*

8. *ACTION ITEM: Nancy to check if Ted Simons has sent comments on human health risks at OU-2.* **Status**: *Done.*

9. *ACTION ITEM: Rick to get out Final Site Screening Report for Study Area 54.* **Status**: Done - Red line/strike out modification prepared and changes discussed during meeting.

10. *ACTION ITEM: Dave to check on MOP Approval Order for Building 200.* **Status**: Done.

11. *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.* **Status**: Done - City passed decision to Developer who indicated that in place closure is sufficient. Developer would prefer that pea-gravel be used for the fill material for inplace closure.

12. *ACTION ITEM: OU-4 - 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* **Status**: *Ongoing.*

13. *ACTION ITEM: OU-4 - Dave to find out if Ligia has looked at risk assessment comments or University of Florida risk assessors. If there are outstanding issues, see if teleconference can be set up.* **Status**: Yes, comments reviewed. Response to comments were adequate Ch 62-777, FAC replaced Ch 62-785, FAC effective 04 Aug 99. Revised surface water criterion for Al is 13 µg/L. Teleconference not performed; David will arrange.

14. *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.* **Status**: Done anticipated to be delivered the week of 26 Jul 99.

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

UST/IR/Transfer Updates

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

Rick Allen went over updates of UST and IR sites. Action Items generated from the discussion are

ACTION ITEM: RA to provide Wayne with a green-covered version of the SSR for SA 39.

ACTION ITEM: SM to include NA parameters to the analyte and field measurement list for the further characterization of SA 39.

ACTION ITEM: BN/SM determine if, and issue as appropriate, a Technical Directive needs to be issued to officially add SAs 36 and 39 to TtNUS's statement of work.

2) Transfer: Final MOA w/ restrictive covenants is pending. WH is able to begin preparing final FOST addendum. FOST and EBS at Herndon Annex and McCoy Annex prepared.

3) Tier II: Tier II Link on Active Duty.

SA 2 - Monitoring Plan/FFS

Steve reviewed the proposed groundwater sampling plan. Add OLD0204A for compliance well. Evaluate to drop OLD0214C based on recent sampling results.

Private wells in the Azalea Park neighborhood - ACTION ITEM. SM - Update sampling plan for SA 2 to identify the rationale for the sampling (groundwater, exposure concentration, etc.), obtain owners' permission, identify how to collect the sample from the systems.

Sampling frequency - Evaluate the concentrations from recent sampling and determine repeat sampling frequency. ACTION ITEM: SM to recommend.

FFS: 4 alternatives to proposed: (No action, natural attenuation, pump-and-treat, pump-and-treat and recirculate with enhanced biodegradation) Sparging not recommended because it could cause upward migration with exceedances to the shallow groundwater. Draft report to be issued in a week or two. ACTION ITEM: RA issue draft FFS report for SA 2 by 30 Jul 99.

RAB Meeting Preparation

1. Purpose is to inform RAB on the FOST and EBST for Herndon Annex and McCoy Annex
    - acreage and intended land use
    - Maps showing areas to be transferred
    - Herndon - land use, ICs and deed restrictions
2. OU 3
3. SA 52

SA 36

Rick presented modifications to the site screening report. Team approved modifications. Signatures were applied to the signature page. ACTION ITEM: RA to reproduce and distribute the SSR for SA 36.

Shipyard IRA data report

Report to be issued next week.

SA 3 Groundwater Monitoring

During a recent and other past sampling events dry monitoring wells were encountered. What should be done. Team response to dry monitoring wells. Wait until water appears in the well to sample.

SA 54

Wayne contacted the Army real estate, facilities and environmental offices to determine intended land use and facilities layout. It was indicated that the environmental office was in the lead for the decision. Army concurs with non-residential and non-recreational land use for the site. Information from the Army indicates that a fence will surround the area, and a significant portion of the site will be paved for parking.

Reviewed historical sample data relative to the intended land use.

Wayne recommended additional sampling soil (approximately ten evenly spaced samples) on Navy property along unpaved roadway, at the western side of the site, and evaluate the risk. Team concurred.

NE area evaluate costs for strategic soil removals to reduce concentrations to below industrial criteria, or sample area on a grid then evaluate the risk.

ACTION ITEM: RA finalize the SSR for SA 54 with the indicated changes, remove references to PAHs associated with forest fires at Cecil Field.

ACTION ITEM: SM develop a soil sampling plan for SA 54 for the northeastern area implement soil sampling plans for the west and NE.

July 22, 1999

BRAC Strategy Conference

Barbara handed out remediation cost estimates. Costs do not include FY99 funding deficits. ACTION ITEM: Barbara to add and flag FY99 funding deficits. ACTION ITEM: Nick to include UST work cost estimates.

OPT ranked the sites for actions in case of funding short-falls. Results are attached.

OU-2

Resampled MWs using ultra-low flow got to 10 NTU on approximately 2/3 of the wells, other wells 25NTU level (colored water), SW and sed sampling next week.

OU-3

Proposed plan sent to the public library 7/1.

Need concurrence on wells to sample for monitoring LTM

DG - Fluctuating water levels (20-foot difference). Interviews with sampling staff indicate that the fluctuations are probably not a data collection error. Maybe associated with well construction. If significant downward gradient then would need to include intermediate wells in monitoring plan.

ACTION ITEM: RA check with Bill Olson for microwell construction at SA 9.

ACTION ITEM: SM install a 2-inch monitoring well beside one of the microwells as SA-9.

Steve provided recent groundwater sampling results (3/99) with proposed sampling plan for SA-8 and SA-9.

SA-9

ACTION ITEM: SM review historical SVOC data from SA 9 with the intent of reducing the number of wells sampled for SVOCs.

OU-4

DG - Resolution of FDEP comments on the RI

Control sample in Lake Druid not a control sample - impacted by VOCs, pesticides, inorganics, and PAHs at outfall sampling location. MS Proposed to look at SW data from other lakes (2) on base. DRMO warehouse in area as well that could be impacting SWQ. Possibly review Lake Gem Mary WQ data. Groundwater data do not correlate with SWQ data, non-VOCs lower than in SW.

ACTION ITEM: DG to set up telecon to discuss and resolve SW and sediment at control locations.

BEI to perform maintenance on the UVB wells in an effort to increase well capacity during upcoming August field visit.

Status of January-April 1999 operations report was discussed.

SA-39 DPT Sampling results

Reviewed 3/99 DPT sampling results and compared the results with previous sampling results. Developed a sampling plan to complete characterization and provide data for remediation.

ACTION ITEM: SM Install a double-cased well at DPT-005 screened 75-80 feet, and 4-well cluster at DP009 (screened across the water table, on op of the clay, 45-50 feet and 75-80 feet) adjacent to DPT sampling intervals; replace 17, 18, 19, 20, 21, and 22; a new well approximately 40 feet off of the SW corner of BLDG 137 screened above the clay; sample for VOCs and NA parameters. Attempt to locate wells impacted by the utility construction corridor and abandon them as they encountered.

SA 18

Reviewed 5/99 resampling results. No detections were encountered above GCTLs. NFA needed with regard to groundwater. Wait for DET soil remediation and sampling results.

ACTION ITEM: RA finalize SSC report with the groundwater sampling results and soil remediation results after receipt of the DET report.

Parking Lot

SA3 - Team response to dry monitoring wells. Wait until water appears in the well to sample

Critique, Agenda, Close-Out

POSITIVES (+)

Wayne provided an excellent RAB presentation
Nancy got an award
Used Al & Nick's ranking tool for site ranking to prepare for BRAC strategy meeting
Good after-RAB meal
On schedule
SA36 signed-off
On-board scoping decisions made
Moved ahead on SA54
Barbara on time
Ann Marie rejoins Team

DELTAS ( )

Wayne had to do the RAB presentation by himself.
Nick didn't stay to finish his business.
Room a bit stuffy
Gravitational flux as SA9.
No Tier II representation

Future Meeting Schedule

August 18 and 19, 1999 - Charleston, S.C.
Anchorage Inn (843)723-8300
September 15 and 16, 1999 - Orlando
October 20 and 21,1999 - Tallahassee
November 17 and 18, 1999 - Orlando
December 13 and 14, 1999 - Atlanta (to reevaluate based on need)

OPT AGENDA
August 18 and 19, 1999
Charleston, SC

TEAM ASSIGNMENTS		SUPPORT	EXPECTED GUESTS
Team Leader:	Al Aikens	Barbara Nwokike (SDIV)	
Recorder:	Wayne Hansel	Nick Ugolini (SDIV)	
Gate/Timekeeper:	Steve McCoy		
Facilitator:	Ann Marie Lyddy		
Tier II Link:	John Kaiser		

Time	Subject	Objective	Lead
Wednesday, July 21			
0830	Check-In, Act Item Review	Administration	AA
0930	UST/IR/Transfer Updates	Information transfer	RA/WH
	Tier II Updates	Information transfer	JK
1030	**BREAK**		
1045	SA54 review	Signoff	RA
1100	OU-3 ROD prep discussion	Discussion	RA/WH
1130	**LUNCH**		
1300	OU-4 IRA Update	Information transfer	RM
1330	OU-4 Ops report, eco risk telecon. resolution	Information transfer	RA/DG
1400	Training	Team Strengthening	AML
1500	**BREAK**		
1515	Shipyard IRA data report	Information transfer	BN
1600	SA2 FFS	Review/Decision	RA
1630	SA2 Decision Doc	Discussion/Decision	SM
1700	Adjourn		
Thursday, July 22			
0830	BRAC Strategy Conference	Update/follow-on actions	WH/BN
0900	SA52 Decision Doc	Discussion/Decision	SM
0930			
1000	**BREAK**		
1015	OU-2, OU-3, OU-4	Update	RA/SM
1145	**LUNCH**		
1300			
1330	Checkout		AA
1430	Adjourn		

ACTION ITEM SUMMARY
August 99' Meeting

1. *ACTION ITEM*: David, meet with UIC people and other waste clean-up people about OU 4 Pilot Study.
2. *ACTION ITEM*: Wayne follow-up with the issue letter re tanks (Aug 10 HLA letter), locate wells (SA 39).
3. *ACTION ITEM*: TtNUS to prepare mini-ROD for SA 52.
4. *ACTION ITEM*: Nick U. to implement soil removal at Bldg 369. Pending until new contractor is brought online, which is anticipated for November-December 1999.
5. *ACTION ITEM*: Nick U. to implement soil removal at Bldg 2036. Pending until new contractor is brought online, which is anticipated for November-December 1999.
6. *ACTION ITEM*: Rick to finalize report for SA 36.
7. *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.
8. ACTION ITEM: DG to set up telecon with U of F risk assors, Ligia, HLA to discuss and resolve SW and sediment at control locations for OU 4.
9. *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.
10. *ACTION ITEM: Barbara* to get the Detachment's soil removal report out to the team, also for incorporation into the Proposed Plan.
11. *ACTION ITEM:* RA to provide Wayne with a green-covered version of the SSR for SA 39.
12. *ACTION ITEM:* SM to include NA parameters to the analyte and field measurement list for the further characterization of SA 39.
13. *ACTION ITEM:* BN/SM determine if, and issue as appropriate, a Technical Directive needs to be issued to officially add SAs 36 and 39 to TtNUS's statement of work.
14. *ACTION ITEM:* SM - Update sampling plan (wells, and frequency) for SA 2 to identify the rationale for the sampling (groundwater, exposure concentration, etc.), obtain owners' permission, identify how to collect the sample from the systems.
15. *ACTION ITEM:* RA issue draft FFS report for SA 2 by 30 Jul 99.
16. *ACTION ITEM:* RA to reproduce and distribute the SSR for SA 36.
17. *ACTION ITEM:* RA finalize the SSR for SA 54 with the indicated changes, remove references to PAHs associated with forest fires at Cecil Field.
18. *ACTION ITEM:* SM develop a soil sampling plan for SA 54 for the northeastern area implement soil sampling plans for the west and NE.
19. *ACTION ITEM:* RA check with Bill Olson for microwell construction at SA 9.
20. *ACTION ITEM:* SM install a 2-inch monitoring well beside one of the microwells as SA-9.
21. *ACTION ITEM:* SM review historical SVOC data from SA 9 with the intent of reducing the number of wells sampled for SVOCs.
22. *ACTION ITEM:* SM at SA 39 install a double-cased well at DPT-005 screened 75-80 feet, and 4-well cluster at DP009 (screened across the water table, on op of the clay, 45-50 feet and 75-80 feet) adjacent to DPT sampling intervals; replace 17, 18, 19, 20, 21, and 22; a new well approximately 40 feet off of the SW corner of BLDG

137 screened above the clay; sample for VOCs and NA parameters. Attempt to locate wells impacted by the utility construction corridor and abandon them as they encountered.

23. *ACTION ITEM*: RA finalize SSC report for SA 18 with the groundwater sampling results and soil remediation results after receipt of the DET report.