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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 14 MARCH 2000 NTC ORLANDO FL
3/14/2000
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM - MEETING MINUTES

Date:	14-15 Mar 2000
Location:	Orlando
Team Leader:	Wayne Hansel
Recorder:	Steve McCoy
Gatekeeper/Timekeeper:	Nancy Rodriguez
Facilitator:	Ann Marie Lyddy

ATTENDEES

OPT MEMBERS:	SUPPORT MEMBERS:	GUESTS:
Rick Allen	Nick Ugolini	Rick Arnseth (TtNUS)
David Grabka	Barbara Nwokike	
Wayne Hansel	Flip Altman (Tier II)	
Steve McCoy		
Nancy Rodriguez		
Steve Tsangaris		

HANDOUTS DISCUSSED AT THE MEETING

1. *The Lognormal Distribution in Environmental Applications*, EPA/600/R-97/006, December 1997 (S. McCoy)
2. UST/IR Update and Status - March 2000 (R. Allen)
3. SA-18 Maps with Proposed Background Wells (D. Grabka)
4. OU 4 Quarterly Sampling Data (S. Tsangaris)
5. Draft SA 3 Closure Report (S. McCoy)
6. Natural Attenuation Assessments – SA 2 and SA 39 (R. Arnseth)
7. OU 3 Chem Box Map with preliminary Jan 00 sample data (S. McCoy)
8. OU-3 Treatability Study (R. Arnseth)
9. OU 1 Maps and Dec 99 Sample Data (S. Tsangaris)
10. Team Decision Making (A. Lyddy)
11. Draft Environmental Status Manual (S. McCoy)
12. Draft Decision Documents (SAs 2, 21, 25, 52) (S. McCoy)

14 MARCH 2000

CHECK-IN

Wayne Hansel opened the meeting at 1 PM with all OPT Members in attendance, and reported that the peacock is alive and well. The groundrules were then read by the Team. The Team divided into two groups to solve one of the world's hairiest problems – fur. Action Items were then reviewed and the status is presented in the Action Item Summary (attached).

UST/IR/Transfer Updates

UST/IR: See handout, UST Update and Status, March 2000. See handout (updates are bold/italicized in the handout). Environmental Enterprise Group (EEG), formerly the Charleston Detachment performed soil removals at numerous UST sites, starting February 21.

OU 1: Validated data was received 3/00. The quarterly report will be issued by CH2M Hilllater in the month.

OU 2: Tt issued the draft final RI report 3/10/00.

OU 4: HLA to issue redlin/strikeout draft of the RI in late March. The FS will finalized in ~3 months after evaluating results of $KMnO_4$ TS study.

SA 2: Wayne wants to wait until he has the final decision document for SA 2 before talking to the owner of the 20 Nancy Lee property.

SA 16: Soil will be excavated in March.

SA 39: A downgradient well cluster was installed the week of 3/6/00 and the preliminary lab analyses for PCE were < the GCTL.

SA 40: FDEP will not permit leases for multi-family housing that exceed 8 years; only renters will be allowed, not owners.

SA Status: 41 ½ SAs have been submitted as final and approved for NFA; 6 SA reports have been approved by the BCT as final, but will require addition investigations or continued gw monitoring.

Transfer:
- McCoy FOST signed by SOUTHDIV CO; Herndon FOST in for legal review.
- The VA and City of Orlando are both interested in Area C.

Tier II:
- Nothing new to report.
- Tier II to meet March 15-17 in Orlando.

SA 18 – Fe Background Values

Dave had evaluated the wells proposed for calculating new Fe background concentrations and disqualified two wells in SA 17 due to turbidity, resulting in a significantly lower calculated background value. Dave wants to hold to the concentrations provided in the original Background Study.

OU 4 - Recirc Wells

The Team discussed whether to shutdown the UVB wells and replace with a conventional pump & treat system. Low flowrates and treatment efficiency are continuing problems and the value of throwing additional money into the wells was questioned. It was decided that the system would undergo one more O&M and the results would determine the future of the recirc wells.

Action Item: CH2M Hill to perform O&M on the recirc wells to resusitate and determine the future of the well system.

15 MARCH 2000

OU 3 ROD

Preliminary data from the Jan 00 quarterly sampling were presented to the Team. The data do not support a MOP. The team decided that HLA would revise the draft ROD to require treatment (e.g., active barrier wall).

Rick Arnseth (TtNUS) presented alternative media that have promise in removing arsenic from the OU 3 groundwater. Of the seven media identified, three (iron modified zeolite, surfactant modified zeolite, and activated alumina) were recommended for bench-scale treatability studies and approved by the OPT. If the bench-scale tests are successful, on-site pilot testing could be considered.

Action Item: HLA to revise draft ROD to require require active treatment.

Action Item: TtNUS to initiate bench-scale treatability studies to remove As and other contaminants from OU 3 groundwater.

SA 3 Closure Report

The draft Closure Report was reviewed and commented on.

Action Item: S. McCoy to make final revisions and issue the final report. Wayne, will formally submit the report to FDEP and request that the current groundwater restrictions be removed.

OU 1 Quarterly Report

Steve T presented the results of the quarterly sampling at OU 1. The results were consistent with previous data, and there was no evidence of a release from the landfill. Surface depressions at the site could be evidence of some landfill settling but are not considered significant enough to require correction. The Team decided to continue the quarterly monitoring.

Training

Ann Marie presented training on "Team Decision Making". To exercise the concepts presented, the SA 18 issues, which have consumed much of the time at OPT meetings were discussed.

Action Item: David to provide examples of other sites where only secondary standards are being remediated. David also to present rational for rejecting the proposed background wells.

SA 2/SA 39 Natural Attenuation Evaluation

Rick Arnseth presented the results of NA evaluations. For SA 2, the conclusions were that some activity may be accuring at the fringes of the plume but little biological activity is occurring in the plume itself due to lack of dissolved oxygen. ORC may provide the additional DO.

At SA 39, the DO levels are too high for anaerobic degradation of the PCE and there's no strong evidence of reductive chlorination. The organic carbon source may be controlling and additional carbon source (e.g., HRC) may be required.

Environmental Status Manual

The latest version of the ESM was reviewed. S. McCoy to revise and reissue.

SA 2, 52, 21, and 25 Decision Documents

The latest draft decision documents for these sites were reviewed. S. McCoy to revise and reissue.

Critique, Agenda, Close-Out

+'s	Δ's
Frank, open discussion on SA 18	Power failure
Excellent training	Miscommunication on meeting dates
Seeing John	Agenda and minutes not sent to everyone.
OU 4 field visit	

Future Meeting Schedule

April 26 and 27 – Tallahassee
May 16 and 17 – Orlando
June 27 and 28 - Atlanta

ACTION ITEM SUMMARY
March 2000

Action Items (Carryover)

1. HLA to modify draft ROD document when comments are received. **Status:** Deleted
2. Steve to develop decision documents for SA21 and SA25. **Status:** Ongoing
3. Steve to survey and mark restricted areas and site boundaries (SA29, SA2, and OU2). **Status:** Ongoing
4. Al, Steve, and Rick will coordinate to complete schedule. Final will be distributed to the OPT for site management, business planning purposes, and developer coordination. Final will be uploaded to David Pullman/CH2M HILL to compile in the master schedule for SouthDiv. **Status:** Ongoing
5. Have discussions with FDEP risk assessors regarding the PAH risk calculation process (SA 54). **Status:** Complete (additional delineation necessary).
6. Steve to sample surface soil at the former excavation at Bldg. 2079, for lead at four sidewall locations to verify concentrations at the edges of the excavation. Resample south wall of former excavation for arsenic. **Status:** Ongoing
7. Steve: When data are available, revise SA35 SSR, update report and revise as per comments received during the meeting. **Status:** Ongoing (Al transferred from Rick to Steve)
8. Steve: Update SA40 SSR as per comments received during the meeting and Dave's recommendation for a risk-based remedy. **Status:** Ongoing (Al transferred from Rick to Steve)
9. Nick: Excavate soil around the four soil sample locations at SA 16 (9, 11, 13, and 14). **Status:** Complete
10. Nick: Get Monitoring Only Plan for Building 200 under contract. **Status:** Ongoing
11. Dave: After Steve M. makes the required changes to the decision document to SA 2, Dave to get written comments back to him. **Status:** Ongoing
12. Wayne: Look into where the Department of Interior is in the process of creating deeds for the area they control. Wayne also to advise them that institutional controls are required for properties that they currently own. **Status:** Ongoing
13. Wayne to get with developer to determine if they can live with restrictions that would be necessary to restrict exposures to that agreed for a multi-family housing scenario. (Study Area 40). **Status:** Done
14. Steve M: Revise copy of Environmental Status and Institutional Controls Implementation manual based upon comments received during the table top review. **Status:** Ongoing
15. Rick: Ask John about burn samples and HLA support for soil removals. **Status:** Done
16. David: Review new background data for SA 18. **Status:** Complete

17. Team: Look at data for SA 8 and be prepared to discuss ROD. **Status**: Complete

18. Wayne talk to property owners at SA 2 about contaminated groundwater. **Status**: On hold

Action Items (New)

1. Steve T: CH2M Hill to perform O&M on the recirc wells to resusitate and determine the future of the groundwater IRA system.

2. Rick: HLA to revise draft OU 3 ROD to require require active treatment.

3. Steve M: TtNUS to initiate bench-scale treatability studies to remove As and other contaminants from OU 3 groundwater.

4. Steve M: Make final revisions and issue the final SA 3 Closure Report. Wayne, will formally submit the report to FDEP and request that the current groundwater restrictions be removed.

5. Dave: Provide examples of sites where only secondary standards are being remediated and to present rational for rejecting the proposed SA 18 background wells.

ORLANDO PARTNERING TEAM
AGENDA
April 26 & 27, 2000 - Tallahassee, FL

Team Assignments		Support	Expected guests
Team Leader:	Steve McCoy	Barbara Nwokike	Tim Bahr (FDEP)
Recorder:	Nancy Rodriguez	Nick Ugolini	Jim Crane (FDEP)
Gate/Timekeeper:	Steve Tsangaris		
Facilitator:	Ann Marie Lyddy		
Tier II Link:	Flip Altman		

Time	Subject	Objective	Lead
Wednesday – April 26			
10:00	Check-In, Action Item Review	Administration	SM
10:45	UST/IR/Transfer Updates	Information transfer	RA/WH
11:30	Tier II Updates	Information transfer	FA
11:45	**LUNCH**	Girth growth	
1:00	Training	Get smart	AML
2:00	SA 17 Investigation	Information transfer	ST
2:30	SA 39 Remediation	Information transfer/Discussion	ST
3:00	**BREAK**	Leg stretch	
3:15	SA 18 – Secondary Stds/Background	Information transfer/Discussion	DG
5:00	**BREAK**	Recover from SA 18 Discussion	
5:15	OU 3 AAROD	Discussion/Decision	RA
6:00	OU 4 Treatability Study	Information transfer	RA
7:00	EOD		
Thursday – April 27			
8:00	Icebreaker	Wake up	SM
8:30	Decision Documents	Review/Decision	SM
9:00	Environmental Status Manual	Information transfer/Discussion	SM
10:00	**BREAK**	Recycle	
10:15	MBGC – Arsenic Remediation	Info transfer/Impact on OU 2 IRA	DG
11:15	Check out		SM
12:00	Adjourn		