N65928.AR.000947
NTC ORLANDO
5090.3a

MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 29 SEPTEMBER 1999 NTC ORLANDO FL
9/29/1999
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM MEETING MINUTES

Date:	29-30 September 99
Location:	Orlando
Team Leader:	Wayne Hansel
Scribe:	Steve McCoy
Gatekeeper/Timekeeper:	Nancy Rodriguez
Facilitator	Ann Marie Lyddy

ATTENDEES

OPT Members	Support Members	Guests
Al Aikens	John Kaiser (Tier II Link)	Mark Salvetti (HLA) via phone
Rick Allen	Barbara Nwokike	
Dave Grabka	Nick Ugolini	
Wayne Hansel	Ann Marie Lyddy	
Steve McCoy		
Nancy Rodriguez		

HANDOUTS DISCUSSED AT THE MEETING

1. Rick: UST/IR Update and Status (revised 9/9/99)
2. Dave: Memo from John Ruddell, Subject: *Applicability of Soil Cleanup Target Levels at Contaminated Sites*, 9/22/99
3. Rick, Letter from John Kaiser, Subject: *Herndon Annex (SA 2) Draft Focused Feasibility Study, USEPA Comment Responses*, 9/27/99
4. Steve: SA 2/SA 52 Draft Decision Documents
5. Steve: Maps/tables with the 7/99 monitoring data for SA 2
6. Mark S.: the following OU 4/Lake Druid handouts:
   - "NTC Orlando OU 4, Lake Druid Sediment Data Comparison to Other Lakes"
   - Fig. 2: "Surface Water and Sediment Sample Locations at Lake Susannah, SA 7"
   - Fig. 3-2: "Lake Druid Bathymetric Detail with Associated Surface Water Features"
   - Fig. 5-11: "Analytes Detected in Sediment" (OU 4 RI)
7. Dave: "Characterization of Stormwater Contaminated Sediment and Debris for Determining Proper Disposal Methods", FDEP Division of Water Facilities, 8/13/98.
8. Ann Marie: "Team Training and Skills Assessment Report"
9. Steve: SA 39 – PCE and Halomethane Isocons; "Recommended Wells for NA Sampling"

---

29 September 99

CHECK-IN

Wayne opened the meeting at 0930 with a reading of the Ground Rules, personnel updates in combination with the Icebreaker (drooling over Wayne's new car), and a review of the Agenda.

ACTION ITEM REVIEW

The Action Items were reviewed and dispositioned as shown below. Als which remain open are shaded.

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.* **Per David, variance has been signed.** - ***Done***

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.* - ***Done***

3. *Action Item*: TtNUS to prepare fact sheet and mini-ROD for SA 52. Status: Fact sheet done. Mini-ROD to follow. **Draft should be out week of August 23.** - ***Done***

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.* - ***Ongoing***

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.* - ***Ongoing***

6. *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. - ***Done***

7. *Action Item:* RA finalize SSC report for SA 18 with the groundwater sampling results and soil remediation results after receipt of the DET report. - ***Done***

8. *Action Item:* David - Email Wayne informal comments on deed as soon as possible. - ***Done***

9. *Action Item:* Nick check with shipyard to see if there is reason for stopping before site was clean and get data so David can sign of tanks. - ***Done***

10. *Action Item:* SM determines who and how sample will be mixed if tube are use for sampling and put in sampling plan (SA 54). - ***Done***

11. *Action Item:* AJ get map and Data for SA 8 out to team by next week.

12. *Action Item*: DW Barbara get Data and Letter to Al so he can dump IDW for OU1. - ***Ongoing***

13. *Action Item:* David check old SAR on well location and get back to Steve (Bldg 2273). - ***Done***

14. *Action Item:* TtNUS will recommend option of putting micro-well and additional sand pack in existing wells. - ***Done***

In reviewing the Action Items the following item was added to the list:

Action Item: Steve to provide cost estimate for replacing the wells at SA 39/Bldg 2273.

IR UPDATE

Rick presented the UST/IR Update. Additional comments and action items are provided below:

OU 2: Responses to the eco risk comments were issued by TtNUS in 8/99.

OU 3: The public comment period on the Proposed Plan was from 7/1/99 to 8/1/99. The final draft ROD will be issued in October 1999.

OU 4: The 4th and final quarterly report was issued and covered the period from January through April 1999.

SA 35: The HLA site screening report will be issued before the next OPT meeting.

SA 2: TtNUS issued the final *Work Plan for Groundwater Sampling* (which includes SA 2) in 9/99.

SA 3: A deeper well was installed in 9/99 to allow sampling. TtNUS issued the final *Work Plan for Groundwater Sampling* (including SA 3) in 9/99.

SA 16: Rick to distribute to the OPT analytical results from surface soil and sediment samples from ditches surrounding SA 16.

SA 18: There was some discussion regarding secondary standards, specifically whether Fe concentrations in groundwater would need to be addressed (remediated?) at this site. Language addressing secondary standards had been incorporated into ESSRs for other SAs, allowing the sites to be closed and the property made available for transfer.

Action Item: *Dave to discuss SA 18 with his management.*

SA 39: TtNUS to begin sampling for NA parameters on 10/4/99.

SA 52: TtNUS issued their final *Work Plan for Groundwater Sampling* (including SA 52) in 9/99.

FDEP SOIL CLEANUP TARGET LEVELS

During the IR Update, Dave distributed copies of a memo from John Ruddell on the "Applicability of Soil Cleanup Target Levels at Contaminated Sites". The memo states that SCTLs are regulatory *requirements* for petroleum, Brownfield, and laundry sites, soil treatment facilities but may not be imposed on other contamination sites (i.e., they're guidance values only).

TRANSFER UPDATE

Wayne presented the Transfer Status and Update:

- No property has been transferred this year or last year.
- FOST/EBST documents for the Main Base property may be, could be, is possibly close to completion (???!!).
- The lawyers are still arguing over OU 1 and wetland buffer areas.
- The City wants to stockpile soil from the airport construction @ OU 2; the Navy requires testing before placement.
- NRL FOST: The County wants the property in October to begin redevelopment.

TIER II UPDATE

John provided the Tier II update with information from the 9/7/99 conference call:

- The Orlando Pb-based paint issue has been dropped as an Tier II issue.
- Tier II agreed to hold another Tier I/II meeting.
- Tier I minutes will be placed on a web site.
- RPMs will be completing facilitator evaluations.
- Metrics (to be continued – discussed at a later meeting)
- Orlando and Pensacola to present stories on 6 Oct 99 at the Tier II meeting in Orlando.
- Tier II membership is in transition.

Several OPT members expressed the opinion that Tier II had "dropped the ball" regarding the Institutional Controls issue.

STUDY AREA REPORTS

Rick lead the discussion on the status of site screening reports.

SA 18: Dave had minor changes to the recommendations section, and will take the ESSR to his management for signature. Nancy was OK with the red-line changes in the draft.

Rick Allen provided a copy of SA 23 to the BCT

SA 23: ~~Both Dave and Nancy OK'd the ESSR (9/13/99) without further changes.~~

RAB MEETING PREPARATION / SA 2 DECISION DOCUMENTS: The City wants to use Bldg 606 as an Emergency Response office/communications center. The City Police want Bldg 602.

Rick provided overheads to be used at the RAB meeting. Steve had an overhead of the 7/99 SA 2 sampling data. The following changes should be made to the draft Decision Document (Action: Steve except as noted):

- Add areas to the site map subject to the use restrictions (refer to Fig. 2-1 in HLA ESSR).
- Wording regarding an "environmental easement"
- Wording regarding a "contingency monitoring plan" (annual review of data to evaluate continued monitoring or perform move active remediation steps – see OU 1 ROD)
- Wording regarding ICs (Action: Nancy to provide to Steve)
- Definitive statements (not recommendations)

OU 4

Lake Druid

Mark led the discussion regarding PAH and pesticide contamination in Lake Druid, and stated the following points (refer to handout):

- Runoff will be more concentrated in a small lake like Druid than in larger lakes in the area (like Baldwin and Susannah). The 48" outfall is likely a major source of PAHs not Area C.
- Concentrations of DDT are reasonable and consistent with those in other nearby lakes.
- There is no contaminant pathway (i.e., discharge point) from OU 4 to L. Druid.
- PAHs and DDT were not identified as COCs in the OU 4 RI.

Dave responded with the following:

- OU 4 could not be written off as the source of the PAH and pesticide in Lake Druid because the laundry was the source of VOCs. Antimony contamination was also present in the laundry soils despite an identifiable source.
- Not all of Area C soils were sampled thus areas of PAH and pesticide contamination might be still be present.
- FDEP wants the Navy to perform an eco risk study on Lake Druid.

Dave provided a reference on sediment contamination due to stormwater runoff and suggested that HLA submit data from other Florida lakes to show that the L. Druid PAH/pesticide levels are typical of stormwater runoff.

Action Item: *HLA to submit requested data in ~1 week. Dave to resolve with T. Bahr.*

Treatability Study

Mark indicated that none of the comments appear to be a problem. The TS schedule is dependent upon the availability of the Karus equipment which should be available in October. HLA controls the well installation schedule.

4th Quarter IRA Report

Dave expressed concern that the "gimmicks" haven't worked. Design flow rates have not been met. Bechtel has provided a final report describing the actions taken to improve the system. The air stripper maintenance has probably increased stripping efficiency, and the biocide has proven effective in reducing iron bacterial fouling. The system has met the design objective of reducing groundwater VOCs to the surface water standard despite the problems. Bottom line: The system will continue to be operated for now, but CH2M Hill will continue efforts to improve reliability and effectiveness.

SA 52 DECISION DOCUMENT

A 50' radius around the monitoring well with contaminated groundwater will be shown in the figure. Definitive statements, not recommendations, will be used. Nancy will provide the statements/paragraph on Institutional Controls.

RAB MEETING

The team attended the RAB meeting at the Winter Park City Hall. Rick presented the Special Topic, the SA 2 Feasibility Study and the recommended remedial options. Steve presented the 7/99 groundwater sampling data.

---

30 September 99

UST UPDATE

CH2M-Hill has a CTO in place for emergency response in case of a tank leak. TtNUS to update the Developer Manual after completion of the Study Area.

Action Item: *Dave to look for completion order for Bldg 7107 tanks.*
Action Item: *HLA to hand auger tanks at Bldgs 2426 and 7241.*

OU 2 UPDATE

Steve provided the update on the most recent round of resampling at OU 2. The installation of the microwells inside six of the 2" monitoring wells has been ineffective at reducing turbidity. The suspended solids in the samples did not settle in ~24 hrs, thus the samples were shipped to the lab unfiltered.

Action Item: *TtNUS to remove the microwells prior to future sampling.*

Monitoring well OLD-OU2-18B which had 1250 ppb TCE in the 1998 sampling had 1200 ppb in the sampling performed in 1999.

SA 2 MONITORING DATA

Steve presented the data from the July '99 sampling.

Decision: *TtNUS to include annual sampling for NA parameters at SA 2.*

SA 39 INVESTIGATION DATA

Steve presented the investigation data with maps showing the shallow and deep PCE groundwater plumes. The following wells were recommended for the NA parameter sampling:

Shallow Surficial Aquifer (A and B wells):

Upgradient	5A
Center of plume	38B
Downgradient Extent	33B
Downgradient Margin	30B

Deep Surficial Aquifer (C and D wells):

Upgradient	14C
Center of plume	32C
Downgradient Extent	(not available)
Downgradient Margin	29C

The team agreed to the above wells with the exception of 5A which was dropped for 12A; well 12A will provide a direct vertical comparison with 14C.

TRAINING

Ann Marie presented the results of the most recent *Team Training and Skills Assessment Report.* Each team member wrote down the personal, team, and program characteristics which detract from the team accomplishing it's mission.

CLOSE-OUT AND CRITIQUE

+	Δ
• Nick here • Training excellent • Dave shared feelings • Got out early	• Team member cornered • Wayne felt like RAB leadership was poor • Steve scrambled • Reports & sites aren't closing out

AGENDA FOR THE OCTOBER MEETING

The agenda for the next meeting is attached. Eric Nuzie, Jim Crane, and Tim Bahr will be invited to the meeting.

OPT MEETING AGENDA

October 18-19, 1999
Tallahassee, FL

Team Leader: Steve McCoy
Recorder: Nancy Rodriguez
Timekeeper: Al Aikens

Expected support/guests:
Barbara Nwokike, Nick Ugolini, John Kaiser
Eric Nuzie, Jim Crane, Tim Bahr

Time	Subject	Objective	Lead
Oct. 18			
1:00 P	Check In, Action Item Review	Administration	SM
2:00	UST/IR/Transfer/Tier II Updates	Info Transfer	JK/WH/JK
3:00	***Break***		
3:15	Institutional Controls	Returning the Tier II punt	NR/DG
5:00	***Adjourn***		
Oct. 19			
8:30 A	Training (Reflective Listening)	Introverts Rule!	AML
9:30	OU 4 Sediment Comparison	Decision	JK
10:00	***Break***		
10:15	OU 4 Pilot Study	Info Transfer	JK
10:45	Study Area Reports (18, 23, etc.)	Finalize	JK
12:00 N	***Lunch***		
1:30	SA 2/SA 52 Decision Documents	Decision	SM
2:00	OU 3 ROD/Data	Decision	JK/SM
2:30	SA 2 MNA Work Plan	Decision	JK
3:00	Close-out, Agenda, Critique	Admin	SM
4:00	**Adjourn**		

ACTION ITEM SUMMARY
- October '99 Meeting –

1. *Action Item*: Nick U. to implement soil removal at Bldg. 369. Status*: Pending until new contractor is brought online, anticipated for November-December 1999. - Ongoing*
2. *Action Item*: Nick U. to implement soil removal at Bldg. 2036. Status: *Pending until new contractor is brought online, anticipated for November-December 1999. - Ongoing*
3. done *Action Item:* AJ Moyer to provide map and data for SA 8 to team by next week (??).
4. *Action Item:* Barbara to get data and letter to Al so he can dump IDW for OU 1. - *Ongoing*
5. *Action Item:* Steve to provide cost estimate for replacing the wells at ~~SA 39~~ 9/Bldg 2273. – Ongoing
6. *Action Item:* Steve to revise SA 2 and SA 52 Decision Documents. Nancy to provide the sections on Institutional Controls.
7. done *Action Item: Dave to take the SA 18 ESSR to his management for approval.*
8. done *Action Item: HLA to submit chemistry data for other Florida lakes to back conclusion that Area C is not the source of L. Druid PAH and pesticide contamination. Dave to address with Tim Bahr.*
9. done *Action Item: Dave to look for completion order for Bldg 7107 tanks.* – report may ~~be~~ need to be redone or additional assessment needed.
10. *Action Item: HLA to obtain hand auger samples at Bldgs 2426 and 7241.* – Ongoing
11. *Action Item: TtNUS to remove microwell inserts at OU 2 prior to next sampling.* – Ongoing