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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 18 FEBRUARY 1998 NTC  
ORLANDO FL  
2/18/1998  
NAVFAC SOUTHERN

## ORLANDO PARTNERING TEAM MEETING MINUTES

Date: February 18 - 19, 1998  
 Location: Charleston, SC  
 Team Leader: Steve McCoy  
 Scribe: John Mitchell  
 Gatekeeper/Timekeeper: Nancy Rodriguez

### ATTENDEES

#### OPT Members

Bob Cohose  
 Wayne Hansel  
 John Kaiser  
 Steve McCoy  
 John Mitchell  
 Nancy Rodriguez  
 Lt. Gary Whipple

#### Support Members

Barbara Nwokike  
 Nick Ugolini

#### Guests

David Grabka, FDEP  
 Charleston DET  
 Keith Halford, USGS  
 Mike Campbell

### ATTACHMENTS DISCUSSED AT THE MEETING

1. UST/IR Update and Status (J. Kaiser)
2. Figures defining area at various SAs at Main Base to be excluded from transfer due to institutional controls or until IRAs are complete (Wayne Hansel)
3. OU 2 - figure showing proposed locations of piezometers; revised field work schedule
4. Chart of Charleston DET Monitoring Schedule for OU 1

**January 21, 1998**

### CHECK-IN

The Mission, Vision and Objectives were read. Members updated each other on what is happening with them. Captain Southgate is departing in July and Captain McCarthy is leaving in May. David G. updated the team on upcoming revisions to Rules 62-761 and 62-762 (UST/AST Tank Closures) to reflect requirements in the current 62-770 (Petroleum Cleanup Rule). John M. mentioned that the team should review any fact sheets issued by NTC Public Affairs to assure they are correct.

**DECISION:** Team to review and approve any Fact Sheets issued by NTC Public Affairs prior to issuance.

### UST/IR UPDATE

John K. presented the UST/IR Update (refer to the handout):

- Building 7107 requires a minor amount of contaminated soil removed.

- Building 7241-2 - free product removal contractor is analyzing the product to determine how it needs to be disposed.
- David Grabka informed team that revisions are being made to 62-761/762 (UST/AST) rule to be reflective of the revised 62-770.

**DECISION:** Any fact sheets to be issued by PWC Public Information Office must first be reviewed by OPT.

## TRANSFER UPDATE

Wayne presented the Transfer Status and Update (refer to Attachments 1 and 2):

Team reviewed Figures showing areas Wayne identified to be surveyed for exclusion from the South RTC FOST.

**DECISION:** Team agreed to proposed areas to be surveyed except for the following:  
**SA 30 - no need for exclusion**  
**SA 37 - extend the radius of exclusion around the sampling point from 60 feet to 75 feet**  
**SA 8 - extend the N/S exclusion line another 40 feet east.**

## TIER II UPDATE

Eric Nuzie was unable to attend the meeting to provide the update. He informed John Mitchell that Tier II wanted our revised deliverables by next meeting.

## OU 1 MONITORING PLAN

The Charleston Ship Detachment presented an overview of their proposed monitoring plan for Operable Unit 1, along with their groundwater sampling methodology. They indicated a slight difference from the standard EPA approved slow flow purging and sampling method. It had additional information collected. John M. asked if they had a DEP approved QAPP/SAP and they said no. It is EPA approved. JM wants to speak with the DEP QA people after reading the DET Work Plan/SAP. JM's agreement with SAP will be DEP approval.

**ACTION ITEM:** John M. to get input from the DEP QA section on the DET SOP and get back with the team next week.

## PWC TCARS

JM informed Nick U. of which TCARs were missing from the report. They included Buildings 106, 131, 218, 2010, 2035, 2122 and 7182. The following TCARs are clean closure: Buildings 351, 356, 358, 361, 363, 364, 366, 369, 371, 375, and 384. Building 354 still requires a SAR be completed as BaP exceeded the state drinking water standard.

## SITE ASSESSMENT REPORT ADDENDUM BUILDING 200

JM stated that he agreed with the conclusions and recommendations in the report. However, after overdevelopment of the wells, there needed to be two rounds of samples (1st after development; 2nd 3 months later) showing that contamination levels were within NFA parameters.

## **OU 2 UPDATE**

Steve presented an overview of the revised work schedule for Phase 2 (see Attachment 3).

Mike Campbell gave a presentation with an overview of proposed 22 piezometer locations. Some will be installed with a DPT rig and the others with a hollow stem auger (can be developed into monitoring wells. Six Pz will be paired (1 screened at water table; one screened at 60 - 70 feet).

Mike also mentioned performing a 72 hr. pump test and there were several questions of when and why at this time. It was decided to place this in the parking lot to be discussed no later than the May meeting.

Steve presented the outline for the preliminary risk assessment for surface soil and sediment at the golf course. The PRE schedule is:

2/16 - 27 Prepare Outline for Technical Approach  
 3/2 - 13 EPA/DEP Review of Tech. Approach  
 3/16 - 4/10 Prepare Focused Risk Assessment  
 4/10 -4/17 Internal Tetra Tech Review  
 4/20 - 4/24 Resolve Conflict/Issue Draft report  
 4/22 - 4/23 Provide results to OPT

**ACTION ITEM:** Nancy R. to notify Ted Simon that Tetra Tech risk assessors (Lee Ann Sinagoga and Matt Shoemsmith) will be calling him to discuss the approach

**ACTION ITEM:** John M. to notify Steve Roberts that Tetra Tech risk assessors (Lee Ann Sinagoga and Matt Shoemsmith) will be calling him to discuss the approach

**ACTION ITEM:** John M. to provide Steve Roberts address and phone number to Steve M.

Dave Grabka and Nancy R. presented their comments on the Technical Memorandum.

1. David questioned whether the full extent of the landfill had been delineated to the north and northeast based on the magnetometer survey. Mike Campbell indicated it was due to maintenance equipment and fencing at the maintenance area. Clarification of the magnetometer results will be added to the text.
2. In Figure 8-1 and associated tables, David G. could not find all the CPT results. Mike indicated all the results were shown in Appendix J and that

the ones used in the figure were representative of the area lithology. He will clarify in the text to this fact and state that all the results can be found in the appendix.

3. David stated that on page 2-17 it mentions approximate screening depths without any specifics. Mike said a note will be added that exact screening depths can be found in Appendix C.
4. Nancy stated that more aspects of the proposed sampling locations and recommendations needs additional work. Mike stated further clarification will be included.

### **BUILDING 2273**

Gary stated that the final utilities along the utility corridor have yet to be installed. He submitted the letter to the contractor about paying for the replacement of the destroyed wells. The contractor acknowledged receipt of the letter, but has yet to respond.

### **TANK MANAGEMENT PLAN**

David G. and Wayne H. provided comments on the Draft TMP:

1. The tank removal and assessment section should note whether fuels lines will be removed or capped in place. How and where capped. It should also note the distances along the fuel line where OVA analysis will be performed.
2. Wayne noted that the data on the Figures and the Tables did not always match. Suggested getting with Mark Zill to coordinate the tank information on his data base with the one in the TMP and correct accordingly.

### **STUDY AREAS 3 AND 29 (FACT SHEETS AND DECISION DOCUMENTS)**

After a lively discussion and detailed editing of the proposed fact sheet and DD for each site, all comments will be incorporated. Additionally, to address EPA and Navy's requirement for follow-up actions, the following decision was reached.

**DECISION:** Include the following: For existing restrictions to be removed and allow unrestricted land use, contaminated media have to be cleaned to residential levels. This process would require the involvement of appropriate local, state and federal regulatory agencies.

### **OU 4 FACT SHEET**

After lively editorial comments by the team, ABB will produce the final fact sheet.

### **OU 4 IRA**

Bob C. presented an overview of what has been occurring related to the functioning of the UVB wells. The 1/3 hp sump pump in UVB 2 was replaced with a 1/2 hp pump. Also, the

pipings configuration of each UVB was slightly different and they are both now the same. They are both operating at the same pumping rate (8 gpm). Flow meters have also been installed to adequately measure the influent and effluent rates in each UVB well.

Keith Halford presented his analysis of the system to date based upon modeling. He believes the model projects a truer representation of the groundwater flow direction. There appears to be a likelihood that the deeper portion of aquifer may not be captured by the UVB wells recirculation. This may also be true in the shallow portion of the aquifer north of UVB 1. However, depending on where the contaminant concentrations of concern are located, the wells may be capturing the contaminated area of intention.

The questions posed are whether the UVB wells are meeting the design criteria; and are the wells capturing the contaminant levels of concern? Keith indicated that it will take approximately 90 days at 40% porosity to show effect in the deep compliance wells and up to 180 days in the shallow compliance wells.

**ACTION ITEM:** **Bob C., John K., Keith H. and SBP** are to look at the current data and report back to the team in March with answers to the following:

1. Are the wells operating within design criteria?
2. Should we increase the pumping rate of UVB-1?
3. Can we project concentrations of contaminants passing the wells?
4. We need to measure the draw down.

### **STUDY AREA 39 - PROBABILISTIC RISK ASSESSMENT**

John K. presented information from the draft PRA. He indicated that the soil risk to a home resident was 1E-6 for 85% of the population and 100% for the apartment resident. The cost of groundwater cleanup based on reducing the RME from 5E-6 to 2E-6 ranged from 1.2 - 3.5 million dollars, and for cleanup of soils from 1E-5 to 2E-6 ranged from 600K - 1.3 million. The basis for how these cleanup costs were determined need to be included in Appendix J.

**ACTION ITEM:** **John M.** to send PRA to risk assessors and talk with Tim Bahr and Ligia Mora-Applegate about aspects of per cent of public to protect. Will FDEP accept the PRA methodology?

**ACTION ITEM:** **John K.** to find out the 3 operative methods of cleanup. Also, whether the method of binding contaminants to soil actually alters the contaminate so it no longer poses a risk from ingestion.

### **METRICS**

We discussed each of the metrics (IDW; RAB attendance; document review pre vs post partnering; and acres transferred.

Concerning RAB attendance, suggested putting bulleted analysis based on differing measurements of various groups attending. Also, to include a background of why this metric is important.

**DECISION:** Develop a baseline of attendance by averaging RAB attendance for calendar year 1997. Also, the goal is to be a quorum of 8 community RAB members.

**ACTION ITEM:** Gary W. to provide draft copy of RAB attendance metric 10 days prior to March OPT meeting so we can finalize at meeting.

We discussed Wayne's acres transferred metric. Suggested rewording the baseline and analysis language. Wayne will present different charts for us to compare and finalize.

**ACTION ITEM:** Wayne H. to provide draft copy of acres transferred metric 10 days prior to March OPT meeting so we can finalize at meeting.

**ACTION ITEM:** Nancy R. to provide draft copy of document review time pre-vs-post partnering metric 10 days prior to March OPT meeting so we can finalize at meeting.

**ACTION ITEM:** John K. to provide draft copy of IDW metric 10 days prior to March OPT meeting so we can finalize at meeting.

## **BUILDING 7174**

John K. presented the results of the monitoring well data. The well closest to the source area where the former tanks were located is the hottest. Four other wells had values exceeding standards, but were dramatically less than the source well. The contamination did not appear to be past the roadway.

**DECISION:** ABB to install a well screened at 30 - 35 feet below land surface slightly downgradient of monitoring well MW-24.

## **TIER II DELIVERABLES**

The team went over the OPT Charter, Groundrules, Processes and the entire deliverable package.

**ACTION ITEM:** Wayne H. to make the following changes to the deliverable package.

**DECISIONS:** The team decide on the following changes to the deliverables.

1. Under Code of Conduct add the word "not" between "the" and "blame."
2. Move "Use I Statements" from Processes to Code of Conduct.

3. The first box under Process should be "Close Out: Prepare Draft Agenda for next meeting; perform meeting critique; review action items and decisions."
4. In the second box under Process add "working" after "7."
5. In the fourth box under Process add "working" after "7."
6. Add to Processes: The team leader to confirm that the sponsor briefed guest(s) on groundrules. If not, then provide guest with an overview of the groundrules.
7. Add to Processes: Check-in: personal updates; read groundrules; review meeting agenda; review action items from previous meeting.
8. Under Roles and responsibilities of Team Leader:  
  
Delete: "Determine meeting location" and "Chair the meeting."  
  
Add: "Chair/facilitate the meeting" and "Ensure that there is a meeting location with necessary support equipment (e.g., overhead; flip chart; etc.)"  
  
For the role "Set the agenda" ADD "time; topic; topic leader; topic goal; note what document is needed or should be provided."
9. Under Roles and responsibilities of the Recorder:  
  
Change "correct" to "corrections."  
  
Add: "After the agenda topic, summarize the discussion, and restate the action items and decisions."
10. In the heading Team Expectations of The Facilitator, put the word "Contracted" before Facilitator.

## **BUSINESS PLAN**

We discussed what should be updated in the business plan. We decided:

**DECISION:** Include Study Area 2, Institutional Controls and the Southwest Corner of Main Base under the Major Issues Section.

**DECISION:** Under Success Stories, leave the current write-up, but also include the success stories about the GIS initiative for OU2; the OU 4 IRA; the Building 7174 IRA; the Study Area 52 IRA; and the use of immunoassay kits for quick delineation.

**ACTION ITEM:** John M. to get summary of DSMOA work to Nancy and Wayne by 2/20/98

**ACTION ITEM:** Wayne H. a strawman presentation on the BCP for the RAB.

### STUDY AREA 3

We discussed the possible overdevelopment of the wells at SA3 similar to what we have done at low level petroleum sites to reduce contamination. This was determined not possible at this time as it is not within the scope of work.

### BUILDING 7107 SITE ASSESSMENT REPORT

John stated he had reviewed the SAR and agreed with overdevelopment of the well. He stated that after overdevelopment, resample wells MW-1, MW-2, MW-3 and submit a SAR Addendum.

**ACTION ITEM:** John K. will followup on overdevelopment and resampling; then submit the addendum.

### CLOSE-OUT AND CRITIQUE

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Location of meeting;	Late setups of coffee;
Completed Tier II Deliverables Review;	Incomplete SSs and Metrics;
Team facilitated itself;	Didn't complete agenda;
Keith Halford's presentation	JK left early despite agenda;
	Did not have Decision Document strawman prior to meeting

**OPT MEETING AGENDA**  
**March 18 - 20, 1998 - Orlando**

Team Leader: John Mitchell  
 Recorder: Nancy Rodriguez  
 Timekeeper: Gary Whipple

**March 17, 1998**

TIME	Topic	LEADER
01:00 - 01:45	CHECK-IN (personal updates; ground rules; review agenda and action items)	John M
01:45 - 02:30	UPDATES <ul style="list-style-type: none"> <li>• IR/UST</li> <li>• Transfer</li> <li>• Tier II link</li> </ul>	John K Wayne Eric
02:30 - 02:45	<i>break</i>	
02:45 - 03:45	Study Areas 3 & 29 Decision Documents (finalize)	John K
03:45 - 05:15	Study Areas 39 & 40 (PRA)	John K

**March 18**

08:00 - 08:30	Check-in (review remaining agenda; personal updates)	John M
08:30 - 09:30	Performance Model Survey	Anne M
09:30 - 09:45	<i>break</i>	
09:45 - 10:45	Training (Module 1)	Anne M
10:45 - 11:45	RAB Preparation (BCP)	Wayne
11:45 - 01:00	Lunch	
01:00 - 03:00	EBS/FOST for Main Base	Wayne
03:00 - 03:15	<i>break</i>	
03:15 - 03:45	Study Area 3 (viability of well over-development)	John K
03:45 - 4:45	Tier II Deliverables (Finalize)	John M

**March 19**

08:15 - 08:30	Check-in (review remaining agenda; personal updates)	John M
08:30 - 09:45	OU 4 IRA Results and RI update	Bob & John K
09:45 - 10:00	<i>break</i>	
10:00 - 10:45	OU 4 IRA Results and RI update (continued)	Bob & John K
10:45 - 12:00	Study Area 2 Presentation	John K
12:00 - 01:00	<i>lunch</i>	
01:00 - 01:30	OU 2 Status	Steve
01:30 - 02:15	OU 1 LTM Work Plan (Finalize)	John K

02:15 - 02:45 Building 2273 Update Gary &  
John K  
02:45 - 03:00 *break*  
03:00 - 04:00 Study Areas 30, 32, & 34 (Draft Document John K  
Review)  
04:00 - 04:45 Close-out (draft next meeting agenda; John M  
review action items; meeting critique)

**March 20**

10:00 - 11:30 City Brief Wayne  
Wayne, Gary,  
John M. &  
Nancy only

**Expected Support Members/Guests:**

Barbara Nwokike	Rick Allen, ABB-ES
Eric Nuzie	Robin Manning, Bechtel
Nick Ugolini	Bob Wasp, SBP
Keith Halford, USGS	Rich Desrosiers

Parking Lot

Technical Assistant Programs (TAPs)  
SW 846  
OU 3