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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 23 MARCH 2004 NTC  
ORLANDO FL  
3/23/2004  
NAVFAC SOUTHERN

## ORLANDO PARTNERING TEAM - MEETING MINUTES

Date: 23 March 2004  
 Location: Teleconference  
 Recorder: Steve Tsangaris

### **OPT MEMBERS:**

Dave Grabka  
 Barbara Nwokike  
 Steve McCoy  
 Greg Fraley  
 Steve Tsangaris

### **SUPPORT MEMBERS:**

Hope Wilson – EFD SOUTH

### **GUESTS:**

Allan Jenkins – Tt NUS  
 Teresa Grayson – Tt NUS  
 Richard Burdine – Bhate  
 Jim Young - Tremaine

### **STUDY AREA 2 UPDATE**

Richard Burdine briefed the team on the status of activities at OU2.

Bhate mobilized to the site week of March 15, 2004, and setup a field trailer/office area. All appropriate permits were obtained such as FDEP NOI, Tree Removal – City of Orlando, Release Request – SJWMD, Relocation Permit – FI Fish & Wildlife Game Commission, Waiver – City of Orlando, etc. Submitted information (PE sealed RAP) to FDEP for UIC Permit, and is awaiting approval from DEP.

Field work began with installation of Erosion Control at the two landfill areas; currently complete at the South Landfill and approximately 50% complete at the North Landfill. Due to brush/trees impeding installation of erosion control, preliminary clearing/grubbing was started. Erosion control for the north landfill will be completed in a week. Began Gopher Tortoise relocation at the two landfills; anticipate that this will be completed by end of the week. Cover installation is scheduled for next week pending approval from the Navy on the “Certification of Analysis”. Procurement of PHOSTers trailer components and construction of the trailer have begun. Project currently on schedule.

### **SITE MONITORING STATUS UPDATE**

Jim Young briefed the team on the status of the site monitoring activities.

Monitoring is ongoing. Reporting is delayed. The September 2003 reports will be submitted soon, and the December 2003 reports are in progress. Tremaine redeveloped deep wells at OU1 in February 2004, and is still detecting high turbidity. Wells at several sites have been destroyed/damaged by development, including the following:

**SA36:** OLD-36-25CR is either destroyed or covered by construction materials (sand, cement). The casing to OLD-36-35CR was broken to ground level. The casing (underground) is cracked and well does not have cap.

**OU3:** Wells OLD-09-07, OLD-09-02, OLD-09-08, and OLD-08-19 are destroyed.

**Building 2273:** During sampling in December 2003, wells MW-4 and MW-7 were noted to be destroyed.

**Barbara will contact Baldwin Park regarding re-installation of damaged/destroyed wells.**

### **STUDY AREA 52 UPDATE**

Allan Jenkins updated the OPT on the status of activities at Study Area 52.

Resample results for monitoring well 13 showed dieldrin at 0.090 ug/L in Feb-04, greater than Mar-03 at 0.015 and GCTL of 0.005 ug/L. The concentration trend does not look good, and it will probably take long time to reach GCTL via monitoring only.

Allan recommends RBCA approach for site since future use of the property is industrial. David G. sees problems with RBCA because of perpetual monitoring potential, and suggests soil sampling below water table to identify target excavation area, get results, then use RBCA if needed.

Barbara indicated that the Navy can live with long term GW restriction. Barbara/Hope to consider new Navy guidance for sites in long-term situation; A.J. not sure how saturated soil sample results can be used to support soil excavation, should consult with chemist; OPT would like to see simplified cost benefit analysis for RBCA vs. soil excavation, or combination of both.

**TTNUS Action Item - determine usefulness of soil samples below water table to guide excavation, and put together cost benefit analysis for remedial strategy for RBCA vs. soil excavation, or combination of both.**

### **STUDY AREA 36NW UPDATE**

Allan J. briefed the team on the status of activities at Study Area 36 NW.

Resample results at deep (vertical extent) well MW40D completed at 45-50 ft bgs show around 50 ug/L of benzene in deeper aquifer water, greater than first sampling. pH in deep well is around 10, NTUs are high, and yield is low (draws down during low-flow purging), and the data indicate that there could be a problem with well construction or development.

Alan is not sure if results from MW40D represent true deep aquifer conditions. Fate and transport modeling performed by TTNUS to support RBCA shows that plume will not cause risk via discharge at downgradient surface water bodies (Lakes Susannah and/or Baldwin).

David G. sees problems with RBCA because of transfer of property around plume, says OPT needs to resolve several issues: is plume migrating beneath developed lots? What is extent of deep plume? MTBE is fast mover and could be future problem, is GW restriction in deed adequate for DEP?

**TTNUS Action Item - resolve problem with deep well MW40D and determine is deep plume extent is defined; evaluate future migration of plume, especially MTBE.**

**NAVY Action Item - look into deed language regarding GW restriction Is developer's GW use restriction in deed enforceable and protective if RBCA is used for site?**

### **DEP STAFFING**

New engineer (Jeff Lockwood) started with DEP on March 1, 2004.

### **OU2 GOAA Update**

Negotiations with GOAA are ongoing. The Navy will begin monthly surface water sampling to verify no impacts to the ditch. Additional sampling will begin in April to further evaluate natural

attenuation process in place at the site. The additional data will be used to develop remedial action strategy at the site.

**MISC**

Greg F. identified SCAP date of 3/30/04 for OU 4 Remedial Design Report; TTNUS has published report and has been approved by FDEP; Navy is currently modifying remedial design; D.G. reports that LUC design is not complete, and need approval of ROD to do this.

**TTNUS Action Item - get report and approval dates to G.Fraley. (DONE, 3.25.04 email)**

**OPT ACTION ITEM SUMMARY  
MARCH 2004**

**ACTION ITEMS (CARRYOVER – TO BE DISCUSSED DURING JULY 2004 OPT MEETING)**

1. **Barbara** to call Lisa Pearson (City attorney) to discuss future O&M of the OU 2 golf course. The deed for the landfill will indicate that the owner has the responsibility of maintaining the cover, including along car paths, etc. Barbara: Navy still responsible until ET. Once the ET is done (hopefully by end of 2003), then new owners will be responsible. **ONGOING.**
2. **Paul F.** to get Steve M. the newest themes for SA 17 and OU 4 for the Tt GIS system. **Paul wants to talk to Tt to figure out the best way of doing this. STILL ONGOING**
3. Need to revise Memo of Agreement between Navy, Army, and the state for SA 54 to address LUCs. **Barbara** to take what has been done before at Cecil and other bases, draft up something for SA54 and send to Dave G., then Dave G. will have it reviewed. To be done by Dec 15. **Still ongoing, but made some progress. Update based on SA54 discussion. Barbara giving it to Jeff Meyers to complete.**
4. **Jeff Meyers** to obtain copies of deeds for the property lots involved with the SA 36NW plume by Feb 6. **ONGOING**
5. **Barbara N.** to revise the MOA between Navy and Army for SA 54 and send to Steve Beverly for review. Get back to the OPT by the end of the March. **ONGOING**

**NEW ACTION ITEMS (Developed during March 23, 2004 OPT conference call)**

1. **Barbara** to contact Baldwin Park regarding re-installation of damaged/destroyed wells.
2. **TTNUS** to determine usefulness of soil samples below water table to guide excavation, and put together cost benefit analysis for remedial strategy for RBCA vs. soil excavation, or combination of both.
3. **TTNUS** to resolve problem with deep well MW40D and determine is deep plume extent is defined; evaluate future migration of plume, especially MTBE.
4. **Barbara/Jeff M.** to look into deed language regarding GW restriction Is developer's GW use restriction in deed enforceable and protective if RBCA is used for site?

**ACTION ITEMS (Completed during March 23, 2004 OPT conference call)**

1. The RI, FS, and ROD completion dates need to be the same in SCAP, because EPA doesn't officially approve the RI and FS until the ROD is approved. **Greg F.** will change all these dates for Orlando and reissue SCAP to the OPT by Feb 13, 2004. **DONE**
2. **Steve M.** will prepare a figure showing the location of each area that remains to be transferred, and a tag box indicating the name, the size (acres) and the scheduled FOST date. This figure will be added to the Exit Strategy package. To be completed by Jan 30. **DONE**
3. **Tetra Tech** will resample the dieldrin-contaminated well at SA 52 during February to see if dieldrin concentrations have remained low. Results to be discussed at the March conference call, and will be used to recommend a strategy for closure (i.e. excavation, RBCA, etc). **DONE**
4. **Dave G** will go back to FDEP and find out if RBCA has been done before, and look into the process that was used (such as approvals that were necessary). Also the status of a pending RBCA rule for global sites. To do by February 13. **ONGOING**
5. **Teresa G.** to send John Classe survey coordinates for OU 3 wells, PABs, and boundaries by Jan 30. **DONE**
6. **Barbara N.** needs to discuss the construction status of the SA 36NW lots with John Classe, and involve appropriate SDIV legal counsel. This so we better understand the lot ownership and the implications this has with RBCA. To be done by February 6. **DONE**

7. **Jeff M** to email the team the Navy Principles for ROD preparation by Feb 6. **DONE** On Jan 26, 2004. **DONE**
8. **Dave G.** to provide Mark S. with comments to the September 2003 and/or November 2003 OPT meeting minutes by Jan 30. **DONE**
9. **Barbara N.** to followup with Jim Young regarding disposal of OU 1 purge water. OPT agreed Terraine should coordinate with the City for disposal of purge water via sewer, rather than discharge on the ground. Complete by Jan 26. **DONE**

#### **ACTION ITEM PARKING LOT**

As discussed by the OPT at the October 2002 meeting in Oak Ridge, Tennessee, this Parking Lot has been established to document Action Items whose resolution is outside the control of the OPT itself. These action items are primarily related to the LUC issues awaiting resolution by USEPA and DoD at a national level.

1. **Greg F.** to provide formal comments to SA36 OPS Report. This is tied into the exit strategy issue. **HQ on board, but right now Greg F.'s attorney has it. Added to Parking Lot after Oct 2002 Meeting.**

Update From Dave G: ROD at Cecil is finalized, and it includes a LUC remedial design. Tier II instructed that this document be sent up for DOD review. Now sitting in Washington, DC. Hoping the DOD/EPA meeting currently occurring in Atlanta will move this forward. If this gets approved, it will be the template for everyone else.

Steve M: Do we keep holding the OU 2, OU 3, and OU 4 RODs until this is sorted out? Yes.