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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 4 JUNE 2002 NTC
ORLANDO FL
6/4/2002
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM - MEETING MINUTES

Date: 4-5 June 2002
 Location: Orlando, Florida
 Team Leader: Barbara Nwokike
 Gatekeeper/Timekeeper: Steve Tsangaris
 Facilitator: Tony Marchesseault
 Recorder: Mark Salvetti

OPT MEMBERS:

Steve Tsangaris
 Barbara Nwokike
 Steve McCoy
 Greg Fraley
 Mark Salvetti

SUPPORT MEMBERS:

Scott Newman, Tier II
 Wayne Hansel, SDIV

GUESTS:

Hope Wilson, SDIV
 Dave Twedell, Nodarse &
 Assoc.
 John Classe, Baldwin Park
 Development Corp.

HANDOUTS DISCUSSED AT THE MEETING

1. Meeting Minutes 4/23-4/24, 2002
2. UST/IR Update and Status – June 2002 (Tetra Tech)
3. Action items
4. SA 2 groundwater data.
5. SA 52 groundwater data

4 June 2002**CHECK-IN**

Greg F. been on the road 3 weeks straight. Not getting much done in the office. Everything else is fine. Mark S. turned 41 since our last meeting. Been going to Celtics playoff games. Couple of Sox games. Been pretty cold in Boston. Tony sent his son off to USAF boot camp in Texas. Relatives visiting for in-law's 50th wedding anniversary. Dave G. been really busy. Parents visited a couple of times. Personal life improving – now it's weird as opposed to non-existent. Steve M. went to a wedding in Columbia, SC. Sealed his driveway. Brought Steve T. a Masters shirt. Line for the store is huge. Course is flawless. Steve T.'s daughter turned one. That's it. Barbara introduced Ms. Hope Wilson. New engineer at SDIV. Wayne H. having a hard time keeping up with his contract awards. Had a wedding anniversary, and his wife turned 50. Hope W. trying to get married, busy with the wedding plans. Steve T. offered advice that the two most stressful times in your life are planning a wedding and building a house. Barbara has been very busy. Barely time to eat lunch. Garden looking great. Ocras, tomatoes, peppers, cantilopes, sunflowers. She took the boys to see their first ballet.

OPT business items now paused while we review the Tier II presentation.

ACTION ITEMS

Went through action items (see revised list at end of minutes).

PERSONNEL CHANGES

None

UST/IR Update (see Handout)

Bldg. 200

The eighth quarter MOP sampling was conducted on 4/29/02. Eighth quarter MOP sampling report recommending continued monitoring is currently in preparation.

Bldg. 2036

NFA. No more updates will be necessary.

Bldgs. 2080

The analytical data from the December 2001 sampling event indicate that the CoC concentrations in the source well are now below NA default concentrations. A draft SAR Addendum recommending natural attenuation monitoring was submitted to the Navy for review on 4/18/02. Received Navy approval on 5/24/02. The final SARA was submitted to FDEP on 5/30/02.

Bldg 2115

Now NFA. No further updates will be necessary.

Bldg. 2273

The first quarter MOP sampling report is currently in preparation. Second quarter MOP sampling is tentatively scheduled for week of 6/10/02.

McCoy Annex

Bldg. 7125

The SRR was approved by FDEP on 8/3/01. Replacement monitoring wells were sampled on 5/1/02. A SAR Addendum is currently in preparation.

Bldg. 7151

The draft 3rd quarter MOP sampling report was approved by the Navy on 5/24/02. The final 3rd quarter MOP sampling report was submitted to the FDEP on 5/30/02. The next quarterly sampling event is tentatively scheduled for 7/2/02.

Bldg. 7174

Old gas station. A post-active remediation monitoring plan was submitted and approved by FDEP. The first round of quarterly post-active remediation monitoring was completed in March 2002. A report summarizing the results of the sampling will be submitted in June 2002. No new info this month (June 2002).

Bldg. 7175

The SARA was approved and the Natural Attenuation Monitoring Plan Approval Order issued by FDEP on 2/20/02. 1st Qtr MOP sampling was conducted on 4/2/02. The 1st quarter MOP sampling report is currently in preparation. The 2nd quarter MOP sampling is tentatively scheduled for 7/4/02.

OU 1

As noted at the March 2002 OPT meeting in Orlando, groundwater sampling from the remaining 12 monitoring wells was completed in late January/early February, and then the wells were abandoned. Waiting for additional new MW's to be installed in December 2002. A report summarizing Jan/Feb sampling event was submitted in May 2002.

OU 3

The PABs at both SA 8 and SA 9 were installed the week of 4/01/02. The first round of Treatability Study sampling was performed the week of 4/29/02. Sampling of the other OU 3 monitoring wells was performed in March 2002. The next round of sampling will be performed in mid-June 2002.

During the SA 52 discussion (see below) Steve M. also mentioned that 2 wells at OU 3 were damaged during PAB installation. One is unnecessary, but Steve recommends that the other be replaced. Steve M. will be installing the new well in the next couple of weeks. Well to be replaced is well 13 at SA 8, and well 15 will be abandoned.

SA35

A draft Decision Document was issued in May 2002.

SA 36

Replacement wells have been installed by the Developer (see Developer Update below). A report summarizing the results of the treatment efficiency sampling will be submitted in July 2002.

SA 39

Replacement monitoring wells were installed at the site in April and May 2002; efficiency monitoring continued at the site in May 2002. A report summarizing the results of the monitoring activities will be submitted to the OPT in August 2002.

SA 40

The final Site Screening Report was issued on 06/03/02. A draft Decision Document was issued in April 2002.

OU 4

No new update.

Herndon Annex

SA 2

Steve M. presented the results of the final treatability study sampling that was performed in March 2002. The data didn't look that great. NA parameters improved, but not significant, consistent decrease in benzene. Barbara: We'll need a contingency plan.

OU 2

The first round of quarterly sampling was performed in March 2002 and the results will be available in June 2002. The final RI report was issued 3/07/01. Responses to risk assessment comments from the University of Florida were issued on 05/06/02. Revision pages will be issued after FDEP approval of the responses.

SA 16

No new update.

SA 17

Results of March injection were so good, polishing step previously scheduled for June 2002 is tentative. A draft work plan to delineate the downgradient groundwater contamination was issued to the OPT on May 31, 2002.

SA 18

Contaminated soil exceeding residential SCTLs was excavated from the site in April 2002. A draft Decision Document was issued in April 2002.

SA 52

Quarterly sampling with overdevelopment (5000 gallons were removed) was resumed in March 2002. Results showed dieldrin concentrations had rebounded to one of the highest concentrations recorded (see discussion below).

SA 54

A PAH-contaminated soil removal to excavate and dispose of surface soils exceeding industrial/commercial SCTLs was completed at the site in April 2002. TtNUS previously issued the draft Site Investigation Report in November 2001 and the draft Decision Document in January 2002.

STUDY AREA STATUS: SA 18 has moved from category "approved for NFA" and is now one of four sites "being finalized". Likewise SA 36 has moved from "requiring additional investigation/remediation" to "being finalized".

Bldg 109: Wayne H. says developer has estimated \$500K to excavate about 3000 tons of soil and do some dewatering and sparging. Navy can do it for \$300K. Wayne says Navy won't pay \$500K. Inclined to say that the Navy will give them \$300K, and if they want to go faster they will have to pay it themselves. Otherwise, the Navy will do it with their contractors.

5 June 2002**Developer Update**

Barbara now waiting for a certification page for FOST of SA 36, 39, (clean areas) and all of SA 40. Will take to CO this afternoon.

Dave T.: All wells reinstalled at SA 36 and SA 39. Sidewalks going in soon, and then the wells will be finished flush. School has broken ground. Once their building pads and parking areas are laid out, they will go back and reinstall those wells.

Want to talk about the large OU1 GW restriction zone and decreasing it. Now spills over into some of the residential areas. Also have a much better delineation of the remaining fill area. **ACTION ITEM:** Dave T. to provide Steve M. the fill delineation report. Borings used to delineate the extent of fill were not surveyed in. So Dave T. will provide the boring coordinates to Steve M. by pulling them off the drawing. Also the coordinates of OU 1 off the same base map.

Barbara: So how do we do that (making groundwater zone smaller)? Dave T.: Isn't it up to EPA, and then a public comment period? Greg F.: Yes on the review period, if the mod is less restrictive. **ACTION ITEM:** Dave T. to give Steve M. the requested change to the zone. Also need to talk about where the new wells will go once the school is ready. Dave T. guesses it will be another 3 months or so before the wells can be replaced. So now is the time to think about where they will be, and consider access for sampling and later abandonment. **ACTION ITEM:** Dave T. to also provide a drawing showing the school layout.

Dave G: One of the selected remedies included the required cover. So now that has changed, Steve M. will need the new grades/cover thickness. **ACTION ITEM:** Dave T. to provide Steve M. the new cover thicknesses so the ROD can be refined to reflect the areas where a 2-foot concern exists. This info included in a report that Dave G. already has.

John C: Down in the SA39 area, about 85% done on roads, sold 13 lots, probably starting some model homes within the next 30 days. Expect spec homes to begin during July/August. Apartment buildings are close to getting their building permits; should start construction July 1.

Next phase near Customs (extension of Corrine) will start construction within the next 60 days. Village Center design ongoing. Very close to a grocery chain deal. Probably starting retail construction this fall.

New Action Item: During the above discussion, the expectation seemed to be that the revisions to the OU 1 GW protection zone and the locations where the depth of soil cover had changed would be made during Tetra Tech's 5-year review report for OU 1. But it does not appear to be clear just how these changes will be implemented. Is the ROD itself revised?

Bldg 200. Close except for low TPH in GW. May just open a hole and let it sit for a while.

Barbara: Just faxed last bit of info back to SDIV. Barbara hopes to be able to call John C. tomorrow morning. New GW exclusion zones have been surveyed in.

John C: City and Deidre have been talking about early transfer. Now in City's hands. Hope to get it to the Governor this summer. If the FOSET gets delayed, will SA36 GW be able to transfer anyway because of it being OPS? No, because there has not been a resolution on LUC language for transfers. Well, LUC language aside, is there something else that needs to be done for later transfer? Wayne: Only other thing would be a FOST addendum with the LUC language. Greg: EPA hoping to end the LUC issue in 30-60 days. As far as technical stuff goes, there really isn't anything else that needs to be done.

Dave G: Have we looked at the latest SA 39 data? No, not yet.

Training (Tony M.)

Small Group Skills. Also a couple of videos on how teams are assembled and empowered to be effective.

SA 2 (Steve M.)

Had about 300 injection points on a 10' x 15' grid, and added about 20 pounds of ORC in each point. Figure shows ORC injection area. Injection occurred in Jan 2001, and sampling occurred in April and July 2001. Since July last year, well 13C dropped from about 130 ppb to 90 ppb. Otherwise, not much has changed. Notice spike in 13C concentrations after ORC injection. But bottom line, after a year, injection of the ORC hasn't had much effect. ORC was expected to have dissipated after about 6 months.

Dave G. asked about the microwell cluster installed in the ORC area. Any data from them since ORC injection? Yes, but the data is limited. All the data will be in an upcoming report due out in several weeks.

There is evidence of increased redox conditions. Methane and dissolved Fe decreased. Methane data shows that redox conditions may be returning to pre-injection conditions. The deep aquifer and the presence of other dissolved constituents using up the oxidant may make it difficult to permanently affect the conditions.

So now what? Could use more ORC. Could try iSOC technology.

Tier II Update

Steve T. got a call from Scott N. This morning's presentation was a major hit. "The bar has been raised." Everyone at the Tier II meeting gave the presentation a "+".

SA 52 (Steve M.)

Steve M. presented the results of the last round of groundwater sampling (March 2002) at SA 52. Despite the over-development of well OLD-52-13 (5,000 gallons pumped), the dieldrin concentration has reversed its previous downward trend. In July 2001, had 13 ppt dieldrin, which was very close to the goal of 5 ppt. But this time, we're back up to 2 ppb (2,200 ppt).

There was a brief summary of the site history, including the two soil removals, one by Bechtel and the last one by the Detachment. The Detachment removal destroyed the old well where dieldrin exceedances were detected, and then that well was replaced with the current well OLD-52-13. Wayne H. recalled that the Detachment's excavation stopped approximately at the water table. The excavation had begun to fill with groundwater, yet there was still a pesticide odor present. The water collected in the excavation was not pumped out.

Steve T: How about we dig down 13 feet, rip out the well, backfill, install a new well, and resample. It would likely be far less expensive for CH2M Hill to excavate and dispose of additional soils, rather than continue the current overdevelopment/sampling approach that does not seem to be working.

Steve M.: SA 52 will be resampled in a couple of weeks. We should wait for those results, and in the meantime Steve T. will look at his available funds. Team agreed to review the next round of GW data before deciding on what to do next.

This concludes Steve McCoy's bad news for today.

CRITIQUE/CHECKOUT/AGENDA

+'s	Δ's
Tier II Presentation	Too many "ahhhh's"
Handout was Awesome	Computer Glitch
Done Early	Side Stuff
Hope's Letter Delivery	SA 2 & SA 52
Steve T.'s Trees	
Developer Was Happier	
Training Videos and Discussion	

FUTURE MEETING SCHEDULE

July 23, 24 – Atlanta

September 4, 5 – Orlando (RAB on Sept 4)

ACTION ITEM SUMMARY
June 2002

ACTION ITEMS (CARRYOVER)

1. **Barbara N.** to contact GOAA and discuss plans for the drainage ditch that intercepts the GW plume coming off OU2. Dave G. concerned that we are relying on the ditch to intercept the plume, yet the ditch is not on Navy property and we have no control over it. For example, we believe GOAA is planning a large detention basin in the vicinity of the old ordnance bunkers. How will this affect GW flow? Also, need to make sure they are aware of the contamination migrating to their property (the ditch). Navy would be looking for an agreement with GOAA to ensure no changes to the drainage ditch in this portion of the site. **Barbara has contacted GOAA, still waiting for a reply. (LEAVE OPEN).**
2. Golf course appears to be doing work in the vicinity of areas shown as requiring additional soil cover on TtNUS Figure 5-1. **Barbara N.** will speak to the golf course to discuss allowable activities. In particular, work was being done around Area 2. **Barbara waiting for a reply. Barbara will call again.**
3. **Dave G.** and **Barbara N.** to pursue deed language from City of Orlando and the Navy to add LUCs to the deeds for park properties originally transferred to the Dept. of the Interior. This past fall the DOI signed the sites over to the City of Orlando without LUCs. **Barbara will be sending FDEP a letter, saying Navy working on it. Waiting for DOI to provide a date for making the corrections.**
4. **Action Item: Steve T.** and **Barbara N.** will work to prepare the contents of an MOU between the Navy, Army, and FDEP describing how LUCs will be maintained at SA 54.. Waiting to have meeting with the Army. Started the call; waiting for reply. Exchanging voicemails. Dave G. received a message from Army Reserves. Army's Alabama office trying to put something together. **Dave has not been able to find the latest MOA language that has been agreed upon between Navy, EPA, and DEP. Plan is to somehow incorporate the Army and Veteran's Affairs. Barbara will ask USACE in Huntsville to draw something up on their own.**
5. **Greg F.** will send us his definition of OPS, and exit strategy guidance. OPS definition was emailed out. **Working on exit strategy idea (not guidance). Will email out when it's done. (Exit strategy still Open. Maybe something in the next 3 weeks.)**
6. **Team** needs to review the draft Decision Documents for SA 36 and SA 39 that were issued by Steve M. on February 22, 2002. Dave still trying to figure out how LUCs will be implemented. Air Force as driving it, Navy going along, Army silent. DoD does not want long-term responsibility for sites that have transferred and are no longer under DoD control. Dave: If the Navy is OK with the EPA ROD language from Langley, FDEP thinks they can move forward. Because Orlando is not NPL and does not have a FFA, they might be able to get it through the Navy. Air Force has their version, and EPA has their's (Langley ROD language).

Steve M.: DD's will be revised to note that the clean areas can be transferred without restriction.

Dave G: We have a document that shows the soil is clean at SA 39. For SA 40 and SA 36, the same way Dave can move forward with FOST for the clean parts, because the admin record has a document that shows the soil is now clean. The DD should therefore only focus on the dirty portion (GW).

Dave G. has reviewed and approved the SA36 soil tech memo that documented the soil removal.

ACTION ITEM: OK, so now Tt will take comments on SA40 DD and issue that final. Because there are LUC issues for SA36 & SA39, those DD's need to wait. And no DD will be needed for transfer of the SA39 & SA40 soils. Steve M. needs those SA40 comments.

7. **Steve M:** to find out for Dave G. if the monitoring wells at Bldgs 2036 and 2115 have been abandoned. Wayne: They should have been. **LEAVE OPEN.**
8. **Steve T.** to provide Steve M. with a soil removal summary memo for SA 18 and SA 54 (also for SA 16?). Not done yet. Focus on SA 18 first, because it's a NFA transfer. Then SA 16 & SA 54. **LEAVE OPEN**
9. **Greg F.** to provide formal comments to SA36 OPS Report. **Still OPEN. Greg F. will have it during the 3rd week in June.**
10. **Greg F.** will email out EPA's preferred LUC language. This to supplement the hard copy (Langley) handed out at the April OPT meeting. Greg understands this will come to a head within the next three weeks. Greg expects to have a resolution in July. **LEAVE OPEN**
11. **Steve M:** SSR for SA 36 being drafted now. SA 39 was done in Aug 2000. SA 40 went out yesterday. Only SA 40 will need to be signed. SA 39 was signed off in Aug 2000. **Leave OPEN. Waiting for SA 36 to be completed and SA 40 to be signed.**
12. Barbara N. would like to submit OU 3 PAB project for Navy recognition. **Scott N.** to provide a sample submittal (MacGregor project). **Leave OPEN.**

ACTION ITEMS (Completed in June)

1. **Greg F.** to confirm to Steve T. that he has a copy of the OU 2 FS, and then document will be forwarded to Gannett Fleming. **Done**
2. **Steve M.** to confirm with Steve T. the parameters and DQO levels for SA 36 groundwater sampling. This so Steve T. can sample the new SA 36 monitoring wells as soon as they are installed by Nodarse. **DONE**
3. **John C.** to send Steve M. an email with requested changes to the latest exclusion area drawing for SA 39, if any. This because the new exclusion area might impact a nearby building. **DONE.** Changes made, and Steve M. has issued the new maps to the OPT. Steve M. proceeded to describe the changes to the SA39 map. **Dave G & Greg:** OK Fine. Steve M. also showed the SA36 changes. Dave G. can live with it, although the boundary is right at the compliance well so that could be a problem in the future. But we expect this site to clean up pretty quickly.
4. **Scott N.** to look into available dates for partnering training. **DONE**

5. **Wayne H.** to check the status of the SAR for Building 7125 (county bug site) for Dave G. Dave gave Wayne a letter. Things got messed up because Dave's letter requesting new wells got lost. Wells are in, sampling next month, will be doing a SAR Addendum. All straightened out. **DONE.**
6. **Dave G.** to determine if the County or FDEP will be the lead agency for Nodarse's recent petroleum discovery near former Building 109. Dave has been told it will be him (Dave G.). Not the county. **DONE.** SAR is done, needs to be submitted to Dave G.

ACTION ITEMS (NEW - TO BE DISCUSSED IN JULY)

1. **Dave T.** to provide Steve M. the fill delineation report for OU 1. Borings were not surveyed in. Will also provide the boring coordinates to Steve M. Also the coordinates of OU1 off the same base map.
2. **Dave T.** to give Steve M. the requested change to the groundwater restriction zone at OU1, as it currently spills over into some of the proposed residential areas. Dave T. to also provide a drawing showing the school layout so we can discuss where the new replacement wells will go.
3. **Dave T.** to provide Steve M. the new OU 1 cover thicknesses so the ROD can be refined to reflect the areas where a 2-foot concern still exists. This info included in a report that Dave G. has already received.
4. **New Action Item (Added by Mark S. while preparing minutes):** During the Developer Update discussion, the expectation seemed to be that the revisions to the OU 1 GW protection zone and the locations where the depth of soil cover had changed would be made during Tetra Tech's 5-year review report for OU 1. But it does not appear to be clear just how these changes will be implemented. Is the ROD itself revised? This needs to be clarified.

**ORLANDO PARTNERING TEAM
PROPOSED AGENDA
23-24 July 2002 Atlanta, GA**

Team Assignments		Support	Expected guests
Team Leader:	Steve Tsangaris	Wayne Hansel	Hope Wilson
Gate/Timekeeper:	Greg Fraley		
Recorder:	Mark Salvetti		
Facilitator:	Tony Marchesseault		
Tier II Link:	Scott Newman		

Time	Subject	Objective	Lead
Tuesday – 23 July 2002			
1:00 PM	Check-In, Action Item Review	Administration	SM
1:45 PM	UST/IR/Transfer Update	Information transfer	SM/BN
2:15 PM	Tier II Update	Information transfer	Scott Newman
2:30PM	BREAK	Leg stretch	
2:45PM	SA36/SA39/SA40 (incl. Decision. Doc. discussion)	Information/Discussion	Team
3:30P PM	SA 52 Update	Information/Discussion	Team
4:00 PM	SA 17 Delineation Work Plan Discussion	Information/Discussion	ST
5:00 PM	End of Day		

Time	Subject	Objective	Lead
Wednesday – 24 July 2002			
8:00 AM	Training	Get Smart!	All
9:00AM	Petroleum Discussion (Including Bldg 109)	Information transfer	WH
10:00 AM	BREAK	Recharge Batteries	SM/ST
10:15 AM	OU2, OU 3, OU 4 update	Information transfer	SM/ST
10:45AM	OU 1 5-year Review	Information transfer	ALL
11:45 AM	Checkout/ next month's agenda/ (+/-)	Information transfer/discussion	ALL
12:15	End of Day		

In accordance with discussions during Training in September 2002, here are the ground rules (Code of Conduct and Process) to review prior to the next meeting.

GROUND RULES

Code of Conduct

- Allow speakers to complete their thought.
- Be forthright (no hidden agendas)
- Be on time (10 cents per minute to be given to person who purchased refreshments).
- Invoke the 100 mile rule (avoid distractions; i.e., conducting non-OPT business).
- Be open and honest.
- Be professional.
- Bring Teammates up to speed.
- Use I statements.
- Be courteous to the speaker; no side conversations.
- Leave your ego and "business coats" at the door.
- Stay for the hard parts.
- Fix the problem, not the blame.

Process

- Team leader, Timekeeper and recorder rotate alphabetically progressing in this order: timekeeper, recorder, team leader, participant.
- Check-in: personal up-dates; read ground rules; review agenda, ground rules, action items and +/-.
- Proxy: Absent members have the discretion of designating a proxy to represent his/her views at the meeting. The OPT will not deliberately make a decision contrary to an absent member's known views or interests.
- Guests: All guests must be invited by the OPT. The sponsor is responsible to brief guest(s) on the OPT meeting process.
- The Team Leader to confirm that the sponsor has briefed guest(s) on the ground rules. If not, then provide guest(s) with overview of ground_rules.
- The OPT and guest(s) shall recite the Ground Rules immediately after the Team Leader calls the meeting to order.
- Close-out: Draft agenda for next meeting; critique meeting; review action items.
- Distribute draft of minutes and Agenda within 7 working days of concluding the meeting. A master copy of the minutes will be maintained and rotated with the recorder.
- Comments or acknowledgment of receipt due back to scribe 7 days after receipt of draft.
- Final minutes and agenda distributed 7 working days before next meeting.
- An action item list with due dates will be maintained and updated monthly.