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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 17 MARCH 1998 NTC
ORLANDO FL
3/17/1998
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM MEETING MINUTES

Date: March 17, 1998
Location: NTC-Orlando
Team Leader: John Mitchell
Scribe: Nancy Rodriguez
Gatekeeper/Timekeeper: Gary Whipple

ATTENDEES

OPT Members

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

Support Members

Barbara Nwokike
Dennie Forte, Galileo

Guests

Rick Allen, ABB-ES
Mark Salvetti, ABB-ES
OU4 Discussion Only:
Bob Wasp, SBP
Rich Desrosiers, SBP
John Nash, ABB
Marc Hawes, ABB
Mike Dunaway, ABB
Robin Manning, BECHTEL
Keith Halford, USGS

ATTACHMENTS DISCUSSED AT THE MEETING

1. UST/IR Update and Status (J. Kaiser, 3/18/98)
2. SA 2 Overheads
3. Focus Risk Assessment of the McCoy Annex Golf Course
4. Draft Fact Sheets SA 3 and 29
5. Draft Decision Documents SA 3 and 29
6. FDEP memo SA 39 PRA Comments
7. SA 30: Table B-3. Summary of Positive Detections in GW Analytical Results
8. Draft Site Screening Report SA 32
9. Draft Site Screening Report SA 34
10. Orlando Tier I Team, Team Performance Model Assessment Results
11. OUI Specification for Site Monitoring and Closure Plan

March 17, 1998

CHECK-IN

The meeting started at 1:00pm. The Mission, Vision and Ground Rules were read. John Kaiser has a last minute conflict and won't be able to attend the meeting tomorrow afternoon and Thursday. JK gave his proxy to Gary Whipple. Mark Salvetti and Rick Allen will attend technical discussions.

UST/IR UPDATE

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

UST

- Building 7153: preliminary results from groundwater samples collected during the week of March 9th showed contamination in shallow aquifer.
- Building 2273: pre-construction meeting for micro-tunnel has not yet been scheduled. It is expected to occur late March or early April.
- Building 2040 and 7107: actions are on hold pending directions from UST RPM (Nick U.).
- Building 7171: need removal of free product (about 1 ft deep). Bailing looks to be a more appropriate technique because a vactruck may take too much water out in a 2" well and also involves too many contracting issues. JM recommended to bail at least once a week but probably may need to do it more often.

IR

- OU4 IRA: the production of the 1st quarterly report is in progress.
- SA 33: surface soil samples were collected. Immunoassay test kits were all clear.

TRANSFER UPDATE

Wayne presented the Transfer Status and Update:

- Copy of Draft North Main Base FOST/ESBT and EPA's legal comments were provided to SOUTHDIV attorney. Awaiting his review and comments to finalize. Our deadline is April 10th.
- EPA's legal comments on the South Main Base FOST/EBST are expected by the end of this week.
- Gary showed the team a newspaper article that basically says that the bids provided by the four developers are mostly residential development.

STUDY AREAS 3 AND 29 FACT SHEETS AND DECISION DOCUMENTS

The team conducted final review of the fact sheets. Changes were provided to ABB so the fact sheets could be finalized and ready for distribution to RAB members and the public.

Decision: SA 3 and SA 29 fact sheets will be mailed to the RAB and community mailing lists for public comments. The methods of future public notification will be discussed for each study area that requires notification.

The team also reviewed and made changes to SA 3 and SA 29 decision documents. Comments will be incorporated and final copies will be provided to the OPT.

SA 39 PRA

EPA comments on the report were provided over e-mail. John M. provided copy of FDEP's comments. Wayne, Nancy, John K. and Barbara will attend the PRA conference in Sarasota. John M said he won't be able to attend due to other commitments.

March 18, 1998

Unfortunately, Anne Marie won't be able to continue facilitating the OPT. Dennie Forte is now our new facilitator from Galileo. The team went through an exercise with Dennie to share things that she should know about us, that we should know about her, and what we expect from each other.

Dennie presented the Team Performance Model Assessment Report. It includes the model implementation process, assessment structure, stages of development, action plan and recommended training. This model was discussed with Anne Marie in the October 1997 meeting. Since then, the team has had concerns about results shown in graphs, i.e. what made the team to be in the performing stage, explain 1 outlier (#8), basis/interpretation of questions, 5 members instead of 6 shown in graph, etc.

Another concern is if resources will be provided to teams to complete the action plan and move to Self-Directed Work Team stage.

Action Item: Dennie will get answers to our question and concerns. Due 4/22/98

RAB PRESENTATION

The special topic for the RAB is a presentation of the BRAC Business Plan. The team discussed the strawman prepared by Wayne. The team decided that the presentation will be divided between Nancy, John M. and Wayne.

Action Item: BCT to make editorial changes and finalize presentation. Due 3/18/98

ABB prepared a short presentation on Air Sparging, which could be given to the RAB. Wayne suggested to do it in May along with the TAPP Rule video presentation.

SOUTH MAIN BASE FOST/EBST

John M. provided the following verbal comments:

- FOST, 2nd paragraph, page 4; this paragraph is not applicable since concentrations of Aluminum, Iron and Manganese found above Florida Drinking Water Standards did not exceed Main Base background concentrations. JM suggested to say that these did not exceed background concentrations in the majority of Main Base.
- Executive Summary, page iv, 2nd bullet; same as above.
- Section 5.3, page 5-2; same as above
- Section 5.4, page 5-2; re-write to clarify that there are IR sites in South Main Base but none were made OUs.
- Table 5-1, page 5-4, SA 39, Comment Status Column; possible PCE remediation is not mentioned. Change to soil and groundwater investigation still in progress.
- Section 5-13, Page 5-9; correct inconsistencies between the text and table with respect to buildings 103 and 367.
- Page 7-1; same as comment #1.

Action Item: Wayne to verify that Aluminum, Iron and Manganese were not found above background at any of the study areas in South Main Base. Due 3/20/98

Action Item: EPA to provide legal comments and concurrence letter to Wayne by the end of the week. Due 3/20/98

NORTH MAIN BASE

FOST/EBST

Nancy showed the OPT changes made to the EBST (chapter 7) related to implementation of institutional controls. This section includes a description of areas with institutional controls; areas encumbered by petroleum; and areas excluded from the transfer. It explains the actions being taken by the Navy and the requirements and/or responsibilities for the new owner.

DECISION: The OPT agreed with changes made by Wayne and Nancy. Since the language is under review by EPA and SOUTHDIV attorneys, will wait for their comments.

OUI

The team discussed the OUI incident where a trench was dug inside the landfill boundary by a sublessee without Navy's approval. The NTC PWO will send a letter to the City, explaining that this constitutes a violation of the lease restrictions stated in the FOSL. The goal is to bring violation to their attention, remind them of their responsibilities and requirements, and suggest future dialogue or training on this matter. If this approach doesn't work then phase II will be to send copies of reports and ask the City to provide suggestions or corrective measures to prevent future occurrences.

Action Item: Gary to send a letter to the City stating the above. Due 4/22/98

Action Item: Wayne and Gary to mention letter and incident to City during briefing next week. Due 3/24/98

SA 3

At an earlier meeting, John M. suggested to look into the possibility of overdevelop wells with PCE contamination. Wayne had concerns about the value of doing it and proposed to taken into consideration costs before moving forward with the discussion. Rick Allen took the action item to get the information for the team.

Cost Analysis

- \$10,000 = Overdevelopment of 2 wells for 3 days. This figure doesn't include disposal costs. Probably will discharge into POTW.
- \$1,000 = one sampling episode for both wells.

DECISION: Continue monitoring.

TIER II DELIVERABLES

CHARTER

Action Item: John M. to make changes and bring final to next meeting. Due 4/22/98

SUCCESS STORIES

The OPT reviewed drafts of Building 7174, Micro-well, and Area C recirculation wells success stories (SS). Significant changes were made. The following action items were assigned:

Action Item: Micro-well SS; John M. to make changes and bring final to next meeting. Due 4/22/98

Action Item: Area C recirc. wells SS; Bob to make changes and bring final to next meeting. Due 4/22/98

Action Item: Building 7174 SS; Nancy to make changes and bring final to next meeting. Due 4/22/98

METRICS

The OPT reviewed drafts of IR Documents, RAB, FOST and FOSL, and IDW metrics. The following action items were assigned:

Action Item: IR Documents; Nancy to make changes and bring final to next meeting. Due 4/22/98

Action Item: RAB; Gary to make changes and bring final to next meeting. Due 4/22/98

Action Item: FOST and FOSL; Wayne to finalize and bring it to the next meeting. Due 4/22/98

Action Item: IDW; Rick Allen to make changes and bring final to next meeting. Due 4/22/98

DECISION: For IDW, the OPT agreed to start the clock at the end of fieldwork at site and end when the IDW gets disposed of.

March 19, 1998

OU4 UPDATE

IRA

Ground rules were read for the benefit of new guests. Immediately after Robin Manning, BECHTEL, gave a overview of the post start-up chronology.

- 12/10/97; Start up of system. Pumping rate 8 GPM. Packer modification at UVB 2 (higher differential pressure). Trickle of water under low pumping rate decreased UVB 2 to 3.5 GPM.
- 1/7/98: Effluent flow meters installed. Noticed that UVB 1 was also pumping at 3.5 GPM (decayed down or possible misinterpretation).
- 1/14/98: UVB 2 sump pumps upgraded 32 ft TDH at 10 GPM, UVB 1 packer replaced, pumping rate 8 GPM UVB 1 & 2.
- 2/19/98: UVB 1 sump pumps upgraded.
- 3/9/98: Pumping rate increased to 10 GPM at 1 & 2. Air water ratio decreased to 140:1.

The system is ready for transition to O&M since basically all modifications has been completed. Now the system is stable. O&M support services will be provided by SBP. Will start with bi-weekly visits the first month and continue monthly during the first quarter. Quarterly visits are scheduled for the remaining 3 quarters and after that any visit will be unscheduled. O&M manual will probably be turned over to the Navy with training. An inspection form has been developed to be filled out at each visit. There has not been problems with the telemetry system and it should work as planned if ever needed.

The IRA objectives are to intercept the 100-ppb total VOC line (horizontal and vertical) and treat GW to not exceed FSWQS. So far, the system is working as expected.

Rich D., continued the presentation. The question now is if we have captured the plume. UBV 1 has higher influent concentration. Data from 22 hours and 50 hours of operation showed a negative head

change in shallow, and positive in deep. In the northern area there is a vertical gradient increment in deep portion and direction is upward. In the well system, 40% of the water is doing multiple passes and 60% goes out after one pass.

Probably will take about 6 months for treated water to reach the lake. We won't know until then if levels reaching the lake will meet FSWQS.

BECHTEL and SBP will study more the hydraulic conductivity to determine how fast is water moving. They will also increase pumping rate at UVB 1 & 2 to 12 GPM.

OU4 RI

Mark Salvetti informed that the sampling has been completed. Will receive validated data mid April. Risk assessment is been conducted and completed in May. The report should be out for review sometime in August.

ABB will prepare a letter report to discuss the results of the Natural Attenuation parameters evaluated in December 1997.

ABB will conduct an Air Sparging Pilot. The report was mailed out to regulators for review. Injection of air can be more effective than pump and treat in a source area. The pilot will determine the airflow rates, pressure, establish size of treatment zone, the effects of hard layer, and air emissions.

BECHTEL experience has been that you get a lot of water in shallow aquifer.

Increasing aerobic conditions may not help constituents that decrease in anaerobic conditions. Probably once we shut down the system, it will go back to original conditions. Since source is anaerobic doing bioremediation to enhance conditions may let us go to natural attenuation faster and the IRA well can be shut off sooner.

SA 2

Rick presented all information to date on SA 2. A report is being prepared recommending GW use advisory to local residents, temporary GW use restriction, quarterly GW monitoring to establish trends in contaminants.

Natural attenuation parameters are favorable in top portion of aquifer but not in lower/bottom portion. There are possible remedial actions for gw i.e iron peroxide injection, air sparging, and enhanced bioremediation.

John M. thinks that a risk assessment may not be necessary since primary standards are exceeded, therefore, it is obvious that an RA will show that you have risk. At this point we need to start looking at RAs and do cost analyses.

Wayne will like to transfer SA 2 to UST program and make it transferable while the Navy completes actions needed on this site. EPA's position has been that SA 2 cannot be transferred to the UST program unless the contamination is linked specifically to a petroleum storage source.

Possible future action at SA 2:

- Close out landfill with restrictions.
- Do either an FS or move site to Tank Program (Chapter 62-770)

Action Item: Nancy to find out during the review of the document if SA 2 can be transferred to UST based on sampling results.

Action Item: ABB to follow SAR requirements in doing the report so it can be used if SA 2 is transferred to the Tank Program.

Decision: Include in report a recommendation and justification to change SA 2 from gray to blue.

OU2 UPDATE

Steve informed the team that comments on the OU2 Tech Memo have been addressed and inserts pages were mailed last Friday. Wayne said that he needs additional copies for the RAB library and the City.

Action Item: Steve to send one copy of OU2 Tech Memo to Wayne. Due 4/22/98

Action Item: Nancy to bring extra copy to Sarasota for Wayne. Due 3/29/98

Fieldwork at OU2 is in progress. Piezometers are being installed. DPT is scheduled to start next week. Geophysics indicated that waste may be outside Navy's property. Terrain conductivity map shows area of concern to the western boundary of OU2, below the pond. Contractor needs access authorization from property owners to continue investigation. Gary said that he was able to contact one of the property owners who apparently has no problem in permitting the Navy to conduct the investigation. Steve showed us the Magnetic Susceptibility data, which identifies metals other than iron, and results did correlate with findings in field magnetic study. In summary, Tetra Tech interpretation of the data is that there are more construction debris than metallic objects.

Action Item: Gary and Wayne will brief CO on OU2 status and present him the plan of action. Due 4/22/98

Action Item: Gary will contact the other property owner. Due 4/22/98

Tetra Tech prepared a letter outlining steps to conduct a PRE at OU2 to support a FOSL for the golf course. Ted Simon, EPA, and Steve Roberts, FDEP, were contacted. Tetra Tech discussed with Ted EPA's comments, which were not major. FDEP has not yet provided comments.

OU1 LTM REPORT

ABB issued the final version of this report in February. Nancy and John M. noticed that not all comments made at an earlier meeting were addressed. John Kaiser and Shannon Gleason joined us thru conference call. Shannon went thru her notes of the comments made by Nancy and John M. during the October 1997 OPT meeting. She summarized how ABB addressed those comments in the Final report.

- EPA's comment regarding contractors responsibilities in the implementation of institutional controls was addressed to clarify that is the Navy's responsibility to implement ICs and the contractor will complete a survey and description of the areas to be restricted.
- FDEP written comments dated November 14, 1997 were also addressed.
- ABB added the word "recommend" in the right bottom box (figure A-2).

John M. and Nancy explained that some other comments made by EPA and FDEP in October were not addressed. These are:

Comment #1: The text and figure A-2 says that if there are significant increases during a particular year then frequency of sampling will automatically be semiannual the following year.

This is not consistent with OUI ROD where it says that the frequency will be determined by the OPT if significant increases occur.

Comment #2: The text and figure A-2 define significant increase to be 10% increase from previous sampling results. The recommendation is to take out 10% criteria and make paragraph more general.

Comment #3: The report says that if gross alpha or beta is found above MCLs during any round of sampling then gross gamma analyses will be conducted at next round of sampling. This is not consistent with the ROD for OUI. Gamma analyses will be conducted immediately after having exceedance of gross alpha or beta at any particular well.

Action item: *ABB will incorporate comments and reissue the LTM Report. Due 4/22/98*

The team brought up another concern. It seems to be a disconnection in the process between ABB and the Charleston Detachment. ABB's OUI LTM Report includes many requirements to be addressed by the contractor, which in this case is the Charleston Detachment that needs to be fulfilled. In addition to that, the Detachment has started sampling without an approved workplan from the State and EPA. The workplan was only given to Wayne.

Action Item: *Wayne will tell the Detachment to revise the report to incorporate ABB's specifications and requirements as stated in the OUI LTM Report. Due 4/22/98*

Action Item; *Wayne to meet with Barbara and Charleston Detachment and discuss the process/problem. Due 4/22/98*

BUILDING 2273

Gary said that pre-construction meeting for micro-tunnel has not yet been scheduled. Probably the rain has hold them up. Gary expects that the City Project Manager will give him an updated schedule for field work.

Action Item: *ABB to determine which wells need to be restored/repaired.*

STUDY AREA FINAL REVIEW AND SIGNATURES

Rick Allen provided draft site screening reports forSAs 32 and 34, which were reviewed and signed off by Wayne, John M, and Nancy. Final reports will be produced within the week.

The OPT reviewed analytical data for SA 30. Metaexceedances in wells 30-02 and 30-03 went away during resampling. SA 30 is okay for signature.

MISCELLANEOUS

ACTION ITEMS

DECISION: *to attach page to minutes with action items not completed from previous meetings.*

E-MAIL

DECISION: *Attachments will be saved on Word 6.0, windows 95. If message cannot be read or opened then a copy will be faxed.*

Dennie's address: dforte@ici.net
 Mark Salvetti: mark.j.salvetti@usevs.mail.abb.com
 Rick Allen: richard.p.allen@usevs.mail.abb.com

NEXT OPT MEETING

Action Item: Wayne will ask Barbara to E-mail everybody with hotel information.

CLOSE-OUT AND CRITIQUE

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Asked good questions to each other OU4 presentation Efficient review of OU4 SS Able to get through SS Found better way to review SS Good RAB JK blush ² Metrics Able to self correct We recognized areas needing improve efficiency Support to each other even when disagreement	Too hot Stepping on conversation Inefficient review of docs Inefficient review of SS Action items were not completed Violation of 100 mile rule Confusion re; review comments Lack of understanding of requirements for workplan Table top reviews w/o prior distribution Review of docs (pain)

Decision: documents which require on board review need to be delivered at least 2 weeks prior OPT meeting. If not, agenda topic will be placed at the end of agenda or postponed if no time.

**ORLANDO PARTNERING TEAM MEETING
DRAFT AGENDA
April 22-23, 1998
Tallahassee, Florida**

Leader: Nancy Rodriguez
Scribe: Gary Whipple
Time/gatekeeper: Bob Cohose

Time	Subject	Objective/goal	Topic Leader
APRIL 22			
8:15 ✓	Check-in (read GR, review AI and +/-)	Gossip/approve minutes	NR
9:15	Updates, IR/UST/Transfer/Tier II	Update	WH,JK,EN
10:00	Break	🔔	
10:15	OU2	Update	SM
11:15	Budget Crisis – too much \$\$	Info-share/decision ⚡	BN
12:00	Lunch	Eat	JM
1:15	Training/Galileo Response to Qs	Address team concerns	DF
3:00	Break	🔔	
3:15	Site Screening SA30, 33 and 37	Info-share, sign ✍️	JK
4:15	OU3	Update	JK
4:45	OU4	Update	BC,JK
5:00	SW 846-5035	Info-share	NR
5:30	EOD	Night life in TALL ⚡	JM
APRIL 23			
8:15	Opening Ceremonies		
8:30	SS/Metrics/Tier 2 deliverables	Finalize w/o Review 📄	NR
9:00	TAPP Rule	Info-share/RAB Presentation	WH
10:00	Break	🔔	
10:15	Institutional Controls	Update/letter to City 📧	GW
10:30	SA 2 - <i>AZ</i>	Discuss RA/Prelim. Design	JK
12:00	Lunch	🍴	
1:15	PRA applicability/ SA 39	Use vs non use 🗣️ 🧑	ALL
2:15	SA 17	Data report	JK
3:15	Break	🔔	
3:30	Closeout	Evaluate mtg./draft agenda ☆	NR
4:15	EOD	Run to the Airport ➔	OPT

Support: Barbara Nwokike, SOUTH DIV
Nick Ugolini, SOUTH DIV

Expected Guests: Mike Shoemith, Tetra Tech