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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 20 AUGUST 1997 NTC
ORLANDO FL
8/20/1997
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM
Meeting Minutes

Date: August 20-21, 1997
 Location: Charleston, SC
 Team Leader: John Mitchell
 Recorder: Nancy Rodriguez
 Gate/Timekeeper Lt. Gary Whipple

ATTENDEES

OPT Members

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

Support Members

Doug Dangerfield
 Eric Nuzie (Tier II)
 Anne Marie Lyddy (Facilitator)

Guests

Steve McCutcheon(EPA ORD)
 Cliff Casey (SouthDiv)
 Barbara Nwokike and son

ATTACHMENTS DISCUSSED AT MEETING

1. UST/IR Update and Status
2. Installation Restoration Water IDW Disposal Alternative Flow Chart
3. Phytoremediation and Natural Attenuation overheads
4. Assessment of the Potential Effects of Phytoremediation
5. NTC Orlando Environmental Studies at Herndon Annex -Draft
6. OPT Conference Call Notes - 7/11/97
7. Chapter 62-770 F.A.C. overheads
8. Petroleum Contamination Site Cleanup Criteria Rule - Draft July/Aug 1997
9. Petroleum Cleanup Preapproval Program Standard Operating Procedures
 Training notes - August 1997
10. Study Area 2, Herndon Annex, Status and Plans - July 31, 1997
11. Groups IV and V Summary of Field Work
12. Aerial Photographs Herndon Annex

August 20th

Meeting began at 8:30 am with a brief check-in to see how all members are doing. Wayne Hansel had to attend a meeting in SouthDiv about NTC Orlando's transfer, so, he joined us later that morning. Steve McCoy was also late since he flew down that morning. The October meeting will be in Tallahassee. John will check the possibility of doing it at St. George Island.

Doug said that Barbara Nwokike has access to e-mail, so if we need to, we can contact her during working hours.

UST/IR Update and Transfer Status

John K went over the IR/UST update. Details are included in Attachment 1. JK gave us a copy of the OPT conference call notes (7/11/97). Some decisions were made during that call. John M. suggested to highlight those.

A.I. John K. will bold the decisions in the copy that goes in the administrative record.

IDW

The OPT discussed the flow chart that Gary and John K. put together for IDW. The following changes were made:

First page

- clarify "offsite" vs "onsite"
- clarify "analyze by TCLP"
- clarify disposal for GW and soil
- add "City's" before POTW

Second page

- add "or RBCs whichever is less" after SCGs in the first box of the middle column
- delete the "No?" arrow going from "Are one or more of analytes in exceedance of a RCRA regulated compound?" to "Dispose material back on site"

Usually, the 90 days allowed for storage start when you get the analytical data. This needs to be clarified by the district.

OU4 Update

Bechtel is in the process of reviewing and incorporating the UVB Well design and other deliverables from SBP. Bechtel is planning to send the workplan out for review the week of August 27th. John M. requested a copy to be sent directly to Greg Brown since he will be out on vacation. Bechtel will like to receive comments by the second week of September.

Bechtel sent a letter to the FDEP district relating to waiver of permits for the 3 wells to be installed in the wetland area. Two other permit issues that need to be clarified with the district are air emission discharge and consumptive use permit.

Steve and Wayne made their triumphant entrance during the OU4 update.

SouthDiv Meeting

The City of Orlando now wants possession of all the Main Base by April 15, 1998. The transfer will include utilities and exclude all those areas where environmental work is still ongoing. To meet this dateline, the FOST needs to be completed and given to the City by February 1998. Wayne also informed us that the Navy has approved the EDC. The Secretary of the Navy will be in Orlando on September 4th, and a celebration is currently planned for the 17th. The City will

pay \$1.2 million now plus 75% of anything above \$1 million up to \$10 million, and then 65% of anything above that. If the City walks away then the Navy will go to direct sale.

Tier II

Eric congratulated the team for an excellent presentation at the Tier I/II workshop. Tier II goal for the workshop was to revitalize teams, show tier II commitment and have fun. The team had a lively discussion about Galilco's productivity model and survey. Anne Marie suggested to form a task force with tier I members to work on this model and survey. Eric will take our input back to Tier II. Their next meeting is scheduled for October 9 and 10.

SA27

The Charleston Detachment is planning to start SA8, SA9 and SA52 IRA the 1st week of September. Wayne suggested to modify the IRA workplan to include SA27. ABB has completed the delineation of contaminated soil. It extended a little bit to the left and to the right (about 10ft to each side). The samples on the other 3 areas of the building were acceptable for industrial standards but not for residential.

Decision: Do a quick mod to include SA27 in the IRA. Field work will include soil removal and collection of confirmatory samples. Cleanup to residential is acceptable by the state and EPA.

Facilitator Training

This month training was "Techniques for Conflict Resolution and Dealing with Difficult People." This is the last training in our current training schedule.

OU3 RI/FS Work Plan

John M. said that for draft reports he will now bring draft comments to meetings for discussion.

Decision: Resolution of the comments will be captured in the minutes.

The team discussed FDEP comments dated July 14, 1997. ABB will attempt to stagger the 3 downgradient wells. The extra downgradient permanent well may be installed later. The CT approach for risk will still be accomplished. Doug D. also supported CT and statistical approach. John M. wants 9 ft screens instead of 6ft on microwells.

ABB is planning to start OU3 RI/FS field work late September. ABB is still awaiting for EPA's comments.

A.I. Nancy to provide comments on OU4 RI/FS workplan by next week and on OU3 RI/FS by the following week.

Resolution of comments will be discussed at the September OPT meeting.

OU4 Lake Monitoring

The City took one surface water sample at the other side of the Lake Druid. Results came back BDL. The OPT discussed the possibility of sending a letter to residents of Lake Druid explaining the results obtained from the City's sampling.

Decision: make changes and send letter to residents.

We are taking additional surface water samples as part of the RI/FS investigation but maybe we ought to take a couple more samples on the residents' side of the lake. Here are some of the reasons:

Sample

- PR (media, citizens)
- 1 City sample not enough
- City believes it's needed
- validate lake BDL

Not sample

- undermines our risk assessment
- City already sampled
- City's responsibility
- possible contaminant hit with unknown source
- added cost

Decision: take 2 additional surface water samples. North and Southwest end. Approximate 100ft from the shore. About half way of water column. Analyze for volatiles only.

ABB has not received comments from 3 different letter memos they have sent since May about remedy selection. In regards to the May letter about feasible technologies for OU4, Nancy and John M. were under the impression that the discussions held during OPT meetings were enough. The technologies listed in the letter memo are acceptable.

John K. informed the team that Cliff Casey has asked ABB about estimated costs for Chemox and air sparging.

ABB also sent a letter dated August 14, 1997, with proposed changes to the RI/FS Workplan for OU4. John M. agrees to only do VOC analyses for surface water samples.

Doug D. made a comment on the Natural Attenuation report. He said that the contribution to natural attenuation from the top area of the sediments, just were they meet the water, is not addressed in the report. He also gave John K. several other comments by Cliff Casey.

RAB Update

Gary said that the results of the membership point paper show the following:

- do not like proxy - pretty unanimous
- ½ would like to change charter about quorum, ½ would leave it as is
- ½ wants to remind members of attendance, other ½ wants to drop member after 3 consecutive unexcused absences.

Gary and the community members are planning a social next Thursday at 5:30pm. About membership, we still have 6 application from last round, also 4 people approached Gary after July's meeting. Gary will like to propose to the RAB to approach those 4 that have shown interest.

Gary will present the following issues to the RAB during the social

1. Remove 2 that have not been attending
2. Bring new members
3. Amend charter regarding quorum

The community co-chair told Gary that she wants to continue as a member of the RAB but not as co-chair.

John M. and Nancy would like to be included in the new members selection since they are RAB members as well.

OU2 Update

Brown and Root are doing their 3rd direct push event. May have some difficulty on the S/E housing area because of standing water. TPH ranging from 0.01 to 1100 ug/l and BTEX ranging from 0.01 to 256 ug /l have been found in most of the soil gas samples. Toluene is the most frequently detected. Have also gotten hits of TCE and PCE, plus little bit of everything else. BTEX and chlorinated solvents hits have been on the east side of the southwest area. CPT is planned to start on September 22nd and continue until November 3rd.

SA39

The Charleston Detachment still has money that has not yet been obligated. They can do field work at SA39. JK briefed the team on current status. ABB recommends collection of samples (54 samples total), some are arsenic only and others are PAH only. The goal is to get vertical delineation and reduce volume that has to be remediated. ABB has issued the final Focused Risk Assessment report for SA39. John K. couldn't find his copy of the sampling plan for SA39 so we will continue this discussion tomorrow.

Discussed John M. letter dated July 15, 1997. He said that the soil stabilization process although it is economically effective may not be as effective with arsenic.

FY 98 Budget

Although the budget is in the process of being finalized, Wayne thinks we will get the funds that we have requested for FY98. This includes:

- finish OU2
- tank remediation/removal (if not in 97)
- 3 IRAs (one for each SA)
- asbestos abatement
- Long Term Monitoring OU1 landfill

The RA for OU3 was moved to FY99 since we won't get there in FY98.

August 21st

Started meeting by reading the mission, vision and ground rules.

SA 2

John K. presented findings from recent sampling. He recommended to do 4 more DPT south between the fence and ditch, and 6 DPT along Nancy Lee Road. ABB will get permit to work east to Nancy Lee to Slover, and north to Broshe. Work will also include installation of three clusters of piezometers and a sentinel well. Irrigation well survey will be conducted during the flyer distribution prior to any field work..

The OPT discussed the draft flyer and made the following changes:

- Last sentence, 2nd paragraph: change it to "Analysis of these samples detected chemicals associated with petroleum and degreasing operations".
- Delete the word "finally" in the last paragraph.
- Add a figure on the back showing the area of investigation.

ABB will start field work on September 11th and continue the week of the 15th.

A.I. Wayne/Gary coordinate with city to deliver flyers

A.I. JK make changes and add map to flyer.

Chapter 62-770

JM gave us a copy of the draft rule. It will become final September 22nd. New rule will change analyses to be done when getting hits. Does not change tank removal process.

Building 200 - with new rule a RAP may not be needed. New CARs will have to follow new rule. Old CARs/RAPs you can either follow new rule or continue under the old one.

TCARs

PWC Pensacola resubmitted TCARs addressing John Mitchell's comments. JM reviewed only one, won't look at others. They are not acceptable.

A.I. JM to look at TCARs for 218 and 106.

John M. gave Nancy his proxy for decisions needed while he is on vacation.

Facilitator

During the Tier I/II workshop, Jerry Arcaro mentioned to the team that Anne Marie may not be able to attend every single meeting because of other commitments. He said that it is up to the team to decide if we still want Anne Marie as our facilitator or have Galileo assign another one. The team said at that point that we will discuss the issue with Anne Marie in our August meeting.

Decisions:

Keep Anne Marie as facilitator. When she is not available, have a substitute only when requested by the team. Considering that we are moving toward becoming a self directed work team, we should start facilitating ourselves. We would get help from Tier II link if present.

For the September meeting if Anne Marie cannot come, we decided to have a facilitator from Galileo come and present the survey results if these are available. We would also develop a training schedule since we have already completed the one that we have.

Anne Marie will show the team the criteria to use and areas to look at when evaluating meetings. She gave Nancy a copy of Tier 1 Team meeting evaluation techniques.

Phytoremediation

The team leader went over our ground rules for the guests benefit.

Steve McCutcheon gave a presentation on phytoremediation and natural attenuation.

Basically, phase I will include modeling and study of natural attenuation and phase II will include planting 1-2 acres of trees.

Phyto is something that the team would consider as a long term action. A possibility is to run the recirculation wells to a point where phyto can take over and continue remediation of the plume.

Decision: proceed with phase I and get technical data. Any funding Cliff can't get we will have to add to our FY98 budget. The OPT will give its approval of phase II after reviewing results from phase I.

SA27

Results show that benzo(a)pyrene is the driver. If cleanup to residential level, soil removal will go around the building and deeper. For industrial level, only the soil at one side of the building will have to be removed. The Charleston Detachment will look at cost for both scenarios. The City's reuse of the area is retail/commercial.

Decision: we will evaluate cost and make decision. If the decision is to cleanup to industrial standards, then the site will be restricted to nonresidential use.

Metrics

I. Community Involvement

	<u>Measurement</u>	<u>How Often</u>	<u>Goal</u>
A.	RAB Attendance	Bi-monthly	quorum +
	Non-RAB attendance	Bi-monthly	? baseline then decide 50% above
	RAB feedback	Bi-monthly, RAB critique	100% attendance
	non-RAB feedback	Bi-monthly, comment card	rating
B.	training sessions		2/yr
	fact sheets		
	hits on library	Bi-monthly	?
	media interaction		1/6 mos, keep track
	RAB turnover		
	% homeowner groups contacted		

Decision: Measures under section A will be used for metrics. The ones in section B will be used for informational purposes only.

II. IDW

	<u>Measurement</u>	<u>How Often</u>	<u>Goal</u>
	% S/W analyzed vs generated	quarterly	100%
	% soil/water vs analyzed	?	
	Time on station	?	
	Funds saved	?	
	Quantity IDW/Analytical Cost (drums or gals or ..)	?	
	% HW disposal	?	

*A.I. JK to find out what type of information we have on IDW.
A.I. Wayne get data and put in chart.*

Pending Action Items

1. Wayne and Nick are to write the success story related to the cost savings.
2. **Success Stories**
 - a. Wayne and Nick on cost savings for Building 7174.
 - b. John M. on the introduction to partnering to the USAF Homestead Base Project Manager.
 - c. Nancy on the State/USEPA relationship.
 - d. Wayne on the larger FOSTs and FOSLs.
 - e. John K. on UST funding priorities.
3. **Metrics**
 - a. Wayne FOSL/FOST
 - b. John K. UST/AST
 - c. JK & Wayne IRP

Meeting Critique

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adjustment to schedule due to
missing people
IDW flow chart
use of force field model
meeting room
training exercise
start on metrics
new team member (Darius)
hotel location and rooms
agreement on further study at SA2
agreement for phyto pilot study
agreement for SA27 IRA
Tier II recognition that survey
may be skewed, willingness
to revisit

□
agenda - times need to be on agenda
no flip charts from hotel
incomplete action items
lack of coordination within phyto group
training role play needed presentation in
front of group