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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 19 AUGUST 1998 NTC
ORLANDO FL
8/19/1998
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM MEETING MINUTES

Date: August 19-20, 1998
Location: Charleston, SC
Team Leader: Steve McCoy
Scribe: Nancy Rodriguez
Gatekeeper/Timekeeper: Gary Whipple

ATTENDEES

OPT Members

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

Support Members

Barbara Nwokike
John Kaiser
Bob Mack

Guests

Phillip Altman, CH2MHILL

New OPT Members

Dave Grabka
Alan Aikens

DOCUMENTS DISCUSSED AT THE MEETING

1. UST/IR Update and Status (R. Allen)
2. Study Area 39 handout (R. Allen)
3. Leadership Development handout (R. Mack, Gallileo)
4. OU3 Remedial Technologies (S. Gleason)
5. SA 36 handout (R. Allen)
6. Success Story: SA 52 (Former Entomology Laboratory) Investigation (B. Nwokike)
7. Draft Success Story Main Base Golf Course (S. McCoy)
8. Developer Impact Table

AUGUST 19

CHECK-IN

The OPT has a new member, Mr. Alan Aiken. He is with CH2MHILL, which is the Navy's RAC III contractor. During check-in the OPT did a memory exercise since the notebook was not available. We remembered most (if not all) of our groundrules.

There were no changes to the minutes and the team reviewed the status of action items assigned in previous meetings. The following AI's were completed while uncompleted items are shown in the attached AI List.

Lead **Description**

John M/ Nancy	Send letters from FDEP and EPA to the City of Orlando if the regulators have not received the movie company subleases from the City. (CANCELED)
Gary	Discuss with the Florida National Air Guard their preference on how the drain will be plugged a SA 23. (The Guard was contacted, but it was decided that the USACOE should be notified and not the Guard.)
Gary	7171 - Follow up with Army about remediation of site.
Gary	Check with county about tank bug site (GW sent letter but hadn't received a response)
John M	Provide closure requirements to Nick and Wayne
Gary	Obtain Developer's demolition schedule and map
Wayne	Find out when zoning meetings are scheduled.
Steve	Provide 2 copies of the Draft MBGC Focused RA report for the Admin Record.
Gary	SA 54 - Obtain developer construction plans to assist OPT in discussing remediation options.
John M	Review FOST and EBST wording.
Rick	Update site responsibility list.
John M/ Nancy	OU 2 - Risk assessors to provide comments on draft FRA report before the August meeting.
Barbara	SA 52 Success Story - Incorporate changes and reissue to OPT for review
Steve	Write Success Story on MBGC assessment.
Gary	OU 3 IDW - Determine if TCLP must be run on SA 17 IDW
Dave	OU 3 IDW - Determine if MCPA and MCPP are listed haz wastes
Dave	OU 3 - Invite Greg Brown to discussion at next OPT meeting
Wayne	OU 3 - Invite CRTT team to discussion at next OPT meeting
Rick	Provide updated site responsibility list

The team decided to assign due dates to our action items. The charter will be updated to reflect this.

A.I.: Wayne to update charter to include our decision about action items. Due 9/16/98

IR/UST/TRANSFER/TIER II UPDATE

Rick presented the UST/IR update. Here are some items of note:

- UBV wells are being developed therefore Bob C. recommended not to sample these two wells now.
- Barbara informed the team that the University of Georgia and EPA started phase I investigations of phytoremediation.

A.I. Steve and Bob C. to provide Rick with a paragraph on OU2 & OU4 IRA to be included in the IR handout. Due every month.

Wayne presented the transfer status:

- Transfer of the Main Base GC is in the lawyer's hands. The transfer was postponed to mid-late September.
- He met with potential operator for McCoy Annex Golf Course who may choose to expand the golf course to 18 holes. John M. reminded Wayne that if that's the case then the risk assessment needs evaluate site worker scenario and compare arsenic (MBGC soil) to the industrial level of 3.8.

John Kaiser presented the Tier II update.

- Tier II had a conference call on August 3rd.
- A ceremony to sign the MOU between the Navy, EPA and FDEP is scheduled for August 31st at NAS JAX. The MOU includes Jax, Key West and Mayport. Pensacola and Whiting will be included by extension.
- Next meeting is on September 9 – 11. Some of the agenda topics are metrics, tier I milestone and recognition, MOU ceremony debrief, success stories format, and improve communication with teams.
- The team suggested that teams could prepare success stories to be published not only to say that we saved money but explain how.

MAIN BASE GOLF COURSE

Wayne lead the discussion of the MBGC status:

- The City of Orlando completed the fieldwork at MBGC and a report was sent to the Navy and FDEP.
- City took surface water and sediment samples and these came back clean.
- The report included arsenic soil concentration at 0-6inches, 1ft, 2ft, 3ft, 4ft, and 5ft below surface.

- Results show that most of the contamination is in the 0-6 inches interval. Greens and tee boxes on the northern portion of the golf course only have low levels of arsenic.
- Because of this, other bases are looking at golf courses with future residential use on or adjacent to the golf course.

A.I.: Wayne to get copy of city maps and send them to Nancy. Due 9/16/98

A.I.: Wayne will update language on draft addendum FOST and EBST and send them to FDEP and EPA for review and comments. Due 9/16/98

SA 54 and SA 17

These reports are in progress and will be discussed at the next OPT meeting.

OU4 DISCUSSION

IRA: Bob informed us that the recirculation wells are being redeveloped. Pump rates were down. They found ½ ft of sediments at the bottom of the screens. Because of this, it is now proposed to place the pump outside the tank. Bob also asked if redevelopment water could be placed back in the stripping unit for reinjection. This is an approach that can be taken in the future.

RI: The Navy met with HLA to discuss appropriate technologies to attack the source at OU4. Rick read a memo prepared by Mark Salvetti that summarizes the discussion.

- HLA will prepare a submittal to NFESC for innovative technology development funds. It will propose the use of in-situ chemical oxidation using potassium permanganate to attack the source area.
- Results of the air sparging pilot study showed that we were unable to sparge air up through the hard cemented sand layer but the data suggested that sparging above the hard layer would be feasible.
- In-situ chemical oxidation using Fenton's reagent also may have potential at OU4.

SA 55

- HLA took 3 wipe samples, 1 outside and 2 inside the building in the area where drums were stored.
- 6 IA were taken around the building. Nothing was found above standards. They were all below 1ppm (detection limit). Three of these were sent to the lab for full suite analyses.
- 1 gw microwell sample.
- Results should be ready by next meeting.

SA 39 and 40

HLA went over the site background. Fieldwork consisted of geophysical survey, UXO survey, passive soil gas, surface soil and groundwater sampling. Contaminants of concern at this site are arsenic and benzo(a)pyrene in soil, and PCE in groundwater.

The City of Orlando is currently doing a microtunnel. The proposal is to wait until the City finishes the work but in the meantime, take a round of samples before the City turns on the dewatering system. This data will help in evaluating the effects of the system on the PCE plume.

Decision:

- Take a round of samples at selected wells to determine condition before the City turns on the system. These are well no. 18, 19, 21, 22, 24 and 25.
- HLA will close out the report with the information now available.
- HLA will recommend starting a monitoring program at this site taking into consideration our experience with SA3.
- For soil, HLA recommendation will be to remediate the soil to meet FDEP's soil cleanup goal.

OU2 FRA

Tetra Tech recalculated risk numbers after getting EPA's and FDEP's comments and the new results are:

- Total risk for site maintenance worker = 1.1×10^{-6}
- Recreational user = 1.2×10^{-6}
- Residential = 7.4×10^{-6}

These are only draft calculations and need to be verified. The final document should be out in about 2 weeks. Wayne will start the draft FOSL and EBSL so if FDEP and EPA agree that the parcel is suitable to lease then we can move fast in leasing the property to the City.

SA 54 Follow Up

Gary checked with the Army and found that they have completed grading the area (around SO9). They have not removed or brought any soil. The Army plans to construct a stormwater retention feature. Construction is expected to be completed around Christmas. Old drawings show a retention pond on the other side of the fence. They are making an access road where the retention pond is. The northeast area of SA54 (where SO16 is) is a wooded area and it is out of the Army's scope. It is believed that in the past trees were burned on this area. HLA was directed to prepare SA 54 report.

A.I. Gary to get copy of site plan. Due 9/16/98

AUGUST 20

ICE BREAKER

For the ice breaker exercise, Steve asked us to make a paper plane using paper, clips, and tape. We let John M. win because he is retiring. His words of wisdom were “pump and treat is better.”

TRAINING

Bob M. provided training on Leadership Development.

SA 36

Rick presented the status of the SA. Shallow gw flow is to NNW. After a long discussion the team decided to install a deep well at hot spot, another deep well downgradient of hot spot at a location to be determined based on deep gw flow, and one intermediate well (30-35ft bls) WNW of hot spot.

RAGS PART D

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Nancy briefed the team on RAGS Part D. It is a new OSWER guidance developed to standardize planning, reporting, and review of superfund human risk assessment. More information can be found through Internet.

(<http://www.epa.gov/superfund/oerr/techres/ragsd/ragsd.html>)

OU 3 REMEDIATION

Greg Brown, FDEP, participated in the OU3 discussion. Shannon Gleason, HLA, and Mike Mahoun??, CURTT, participated via telephone.

Before starting the OU3 discussion, Bob C. briefed Greg on the recirculation wells. We are currently experiencing a problem with sediment accumulation. The aboveground equalization pump that BECTHEL is considering to install could resolve this problem. Greg said that the Navy needs to send a letter with the proposed changes to the system.

Shannon Gleason went over site background, data results, and the remedial technologies considered for soil and groundwater. These are:

Study Area 8		Study Area 9	
Soil	Groundwater	Soil	Groundwater
Soil cover with land use controls	Monitoring/Land use controls	Soil cover with land use controls	Monitoring/Land use controls
Phytoremediation	Phytoremediation	Phytoremediation	Phytoremediation
Soil washing	Permeable reactive wall	Bioremediation	Permeable Reactive wall
Soil flushing	Reactive zone	Excavation and offsite disposal	Pump and Treat
Excavation and offsite disposal	Pump and Treat		

These will be fully discussed in the FS Report. It will be distributed in October 1998.

For SA 8, Navy's preferred alternatives are soil cover and gw monitoring with land use controls.

Greg's opinion is that these technologies look promising and recommended to also evaluate combination of these i.e. hot spot removal and soil cover with land use controls. He also recommended considering plants that are not exotic for Florida in phytoremediation.

The FS report should consider arsenic leachability and mobility in groundwater when discussing soil capping. Based on HLA investigation, the gw flow velocity is very slow.

John Mitchell made a comment about the buildings at SA8. If these have wood floors and/or cracks in the foundation it is likely that the soil beneath the buildings is contaminated.

SUCCESS STORIES

SA 52 and Main Base Golf Course success stories were distributed for review and comments.

A.I.: Team send comments on MBGC SS to Steve. Due 9/3/98.

A.I.: Barbara to get all SS in one disk. Due 9/16/98.

MEETING SCHEDULE:

- September 16 and 17 in Orlando.
- October 21 and 22 in Massachusetts or Tallahassee.
- November 18 and 19 in Orlando.

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A.I.: Barbara to get information on the MA conference i.e. registration fee, agenda. Due 9/16/98

A.I.: Steve to update OPT/Support list. Due 9/16/98

METRICS

Metrics will be discussed at the next OPT meeting. Here is a summary of who has what:

- Wayne – Property Transfer
- Rick – IDW Management
- Nancy – IR Documents
- Gary – RAB Attendance

PARKING LOT:

Building 200 – Last round of samples came back clean. FDEP can't approve NFA at this point. Need 2 consecutive clean sampling events.

CRITIQUE

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<ul style="list-style-type: none">• Adjusted agenda• Open/receptive env. to new members• Resolved 39/40• Good utilization of time• Good icebreaker• Cleared parking lot• Rick addressed well placement issue in a timely manner• Love Charleston/ Fudge• Entertainment and field trip• OPT remembered GR• Team 50/50 contractors to gov employees	<ul style="list-style-type: none">• Facilitator missed 1st day• Team leader forgot notebook• Cheap speaker phone• John is leaving