

**PENSACOLA PARTNERING TEAM
MEETING MINUTES**

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NAS PENSACOLA
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DATE: Aug 28 - 29,2001
LOCATION: Pensacola, FL
TEAM LEADER: Bill Hill
SCRIBE: Barbara Albrecht
GATE KEEPER/TIME KEEPER: Bill Hill
PROCESS FACILITATOR: Gus Campana

ATTENDEES:

Team Members:

Brian Caldwell – EnSafe Inc.
Joe Fugitt – FDEP
Terry Hansen - TTNUS
Bill Hill – SouthDiv
Ron Joyner – NAS Pensacola
Gena Townsend – USEPA
Greg Wilfley - CH2MHill

Support Members:

Paul Stoddard – Tier II Link
Phil Hardy – Site 41 Support
Barbara Albrecht – Site 2 / 41 Support
Gerry Walker - TTNUS

1. Check-In

Meeting began at 8:00. Everyone is doing fine. The ground rules and meeting processes were reviewed. Tom Dillon and Lynn Wellman were unable to attend due to schedule conflicts.

2. Review of Action Items/Reminders

The following items were reviewed as priority topics for discussion during the August meeting:

(1) OU-13 review; (2) Site 2 review; (3) Site 41 review; (4) Site 40/Wetland 64 mercury sampling; (5) OU-11 review; (6) OU-2 review; (7) pre/post RAB; (8) Tier II update; (9) facilitator training; (10) TTNUS/CH2MHill activity update; (11) schedule review; (12) proposed agenda for October 2001 Tier I Meeting.

3. OU-13 Review

Brian provided an update on the OU-13 FS Addendum. Brian refreshed the team concerning the surface and/or subsurface metals, pesticides, and benzo(a)pyrene detected above applicable comparison standards at Site 8, and the surface and subsurface soil pesticide exceedances found within the Site 24 study area. Brian explained how a pesticide rinse rack was probably located on the northeast side of Building 3561; this likely was the source of the large surface and subsurface soil pesticide exceedances at boring location 08S03.

Potential alternatives for Site 8 include groundwater monitoring with an accompanying land use restriction, or source elimination. Either alternative will work; and Brian will give Gena both alternatives. Brian said groundwater will likely be addressed by removing the source of the soil contamination at 08S03. This verbiage was not added to the OU-13 ROD because Brian was hesitant to include anything about groundwater being restored when no one knew how this would be accomplished. Brian is convinced that the contamination occurred after Building 3561 was already in place; therefore the building is likely not sitting over contaminated soil. Brian feels that the soil removal will infer that the contamination will decrease. The Proposed Plan will address the groundwater alternative. The ROD is scheduled for the 3rd Quarter, FY-02.

4. Site-2 Review

Gena passed out copies of Bobby Lewis's final Site 2 report, and provided electronic files that Terry converted to .pdf format and made copies for anyone who wanted one. Barbara then gave the team a review and update on Site 2. Barbara reviewed how the DQO process was used to determine the sampling stations, tests and comparisons to perform. She discussed the Site 2 sediment chemistry, amphipod survival/weight, mysid survival/weight/fecundity, ERM's, AVS/SEM, and how these interacted with the decision making triad matrix for the site. Barbara will finalize her report by October, 2001.

5. Site-41 Review

Phil presented the Site 41 matrix he prepared and discussed where the status of the investigation for each wetland currently stands. Phil discussed the Navy's Draft Sediments Policy, and how this might be applied to each wetland. He also discussed his research into which wetlands receive discharges from the base storm sewer system. From this discussion, the team decided that sufficient information exists to allow NFA decisions for Wetlands 4D, 49, 56, 57, 63A, 63B, and W-2. It was decided to find a way to include Wetlands 3, 16, and 18 in the OU-1 monitoring plan. Wetland W-1 should also likely be monitored in conjunction with ongoing remedial activities at UST-18. It was discussed how Wetland 12 will likely come to TTNUS during the 1st Quarter, FY-02 for inclusion with its bilge water plant investigation. Phil is going to refine the Site 41 matrix to include recommendations and updated maps that will show the storm water outfalls.

6. Site 40/Wetland 64 Mercury Sampling

Barbara briefed the team on the August 1-6 sampling effort at Site 40 and Wetland 64. This effort included sediment and fish tissue sampling at selected stations in both areas. An offsite background area was also sampled along Bayou Grande for comparison. Sediment samples from the Bayou were analyzed for mercury, TOC, and AVS/SEM. Fish tissue samples from the Bayou were analyzed for mercury and percent lipids. Sediment samples from Wetland 64 were analyzed for full-scan analytical parameters, TOC, and AVS/SEM. Fish tissue samples from Wetland 64 were also analyzed for full-scan analyses, as well as percent lipids. Barbara explained that the sampling effort went well and was conducted as planned, with minor deviations. The deviations occurred with the fish sampling. One station at Wetland 64 and one at Site 40 did not have habitat that supported fish populations; therefore fish were not collected at these. In some cases, species other than *Fundulus grandis* had to be substituted (mullet, pin fish, etc.), as these are what were caught at a particular station.

Juvenile representatives of fish species were used for the analysis to ensure that fish collected also originated from the immediate area of the station sampled. Phil checked with the laboratory, and the data package for this effort should be made available to EnSafe by the end of August.

7. OU-11 Review

Brian is incorporating regulator comments into the Site 38 RI Addendum 2. The ROD is due during the 3rd Quarter, FY-2003.

8. OU-2 Review

Gena will finish EPA comments on the OU-2 FS and submit them to Bill sometime in October. Gena is not sure if EPA comments will be adequate to complete the document because she said the wrong criteria were used to develop the FS. Gena related how the FL 62-777 CTLs do not apply to NPL sites. She feels many contaminants may have been overlooked because of this. Joe confirmed that the Florida criteria is only approved for dry cleaning or brown fields sites. Joe said he would go back and review the OU-2 FS again in light of this development. Brian said he would compare the OU-2 FS analytical numbers between the 62-777 criteria and federal standards to see if the COCs/recommended remedial actions would change. Terry related how the 62-777 CTLs are going to change, and a new set of standards will soon be approved. Brian should use the newer numbers for his comparison. Bill related that Gena's general comments would be adequate for the next revision to the document. He wants the comparison between the 62-777 and federal criteria done ASAP.

9. Pre/Post RAB

Bill discussed the RAB meeting held on the evening of August 27th. This was the first RAB meeting since March of 2000. Three RAB members, Jesse Rigby, Lisa Minshew, and John Early attended, as did Bill, Ron, Brian, Gena, Joe, and Barbara from the Tier 1 Team. The audience consisted of just two individuals. It appeared that Jesse Rigby had read the material provided prior to the meeting, as he asked lots of questions during the session. Bill related that the RAB members are volunteers, and that the RAB is the Navy's legal "mouthpiece" for environmental issues and a venue that gives the public access to information on environmental issues. Jesse stepped aside and gave his position to John, so he and Lisa are the new co-chairspersons. Later this year, a RAB presentation will be given on Pensacola's BLAB TV station.

10. Tier II Update

Paul gave a Tier II update to the group. NAS Mayport, Florida has lost Craig Benedikt. He will pick up Avon Park. Arsenic on golf courses resulting from pesticide application is of concern in Florida. The Navy feels this is a FIFRA concern, but the EPA says it is a CERCLA concern. The Navy does not want to say it is a problem, as it would become a problem at all golf courses everywhere. The Navy would prefer to be able to transfer the golf courses at closed bases without restrictions. Joe related how the residential and industrial CTLs for arsenic are expected to increase, which might help resolve any problems with golf courses. The Navy feels any new owners of transferred golf courses should have the responsibility for monitoring these properties. Paul said there is a commitment to the partnering process, though the Air Force has a problem with communication between Tier 1 and Tier 2. A comment was made concerning how EPA isn't signing any RODs because of a language problem. Tier 1 would like Tier 2 to pass this language to Tier 1 for resolution.

11. Facilitator Training

Gus provided facilitator training for the group. He had everyone list different uses for a paper clip, then had the group prioritize these uses using the concept of “dollar voting.” The intent was to demonstrate how issues can be ranked in importance using this method. Gus also had the group list family vacation considerations on post-it notes, then stick these against the wall. He then had the group move these notes around until they formed different categories. This method also demonstrated how a group can readily categorize and prioritize issues in order to reach necessary goals.

12. TTNUS/CH2MHill Activity Update

Gerry gave the group an update on TTNUS’s ongoing monitoring at OU-1. TTNUS has been monitoring selected wells in the Site 1 area for an assortment of metal and VOC constituents found to be of concern during the RI. They are also sampling surface water from Wetland 3. Gerry said the pump for the interceptor trench for Wetland 3 is currently down. TTNUS recently received funding for O&M for the repair, and the pump should be operating again soon. Gerry said it is difficult to state whether MNA is occurring or not at the site, as the constituent concentrations have not changed much from the original RI sampling of 1993. The Team questioned whether TTNUS is sampling enough parameters to see if MNA is working or not. Gena asked whether the scope for the OU-1 O&M needed to be revisited. Gerry suggested that this wait until TTNUS submits its second annual report on the OU-1 monitoring before the scope of the monitoring plan is changed.

Terry gave an update on TTNUS’s investigative activities surrounding Facilities 681 and 682, which were former underground storage tanks for ship fuel. More DPT samples will be collected to better characterize this area. Terry also related that TTNUS is closing the Bronson Field CTO.

Greg gave an update on CH2MHill’s activity at the base. CH2MHill has been involved in preparing for an interim soil removal at Site 15, land farming at UST-18, and the removal of the buried drums at Site 43. Greg said a kick-off meeting was recently held for the events at Sites 15 and 43. Confirmatory sampling results for each site is still pending. Disposal of the drums was discussed, and how the removed soil will be stored in a roll-off at Site 1. Debris from the remedial activities at Site 43 (unearthed metallic and construction debris) will also be cleaned up.

At UST-18, CH2MHill is performing in situ bioremediation, where they are plowing the top three inches of soil and adding nutrients and microbes to stimulate the attenuation process. Greg said that the levels of petroleum constituents went down quickly initially, but then flattened out. Additional microbes and fertilizers are to be added to the site in the future.

Gena relayed that she needed a letter noting that the remedial effort has started at these sites.

13. Schedule Review

Pensacola 5-Year Review. Gena said the NAS Pensacola 5-Year Review is due by November of 2002 based on the OU-10 remedial action start date.

EPA Comments on the OU-2 FS. Gena's comments on the OU-2 FS are due by October 23, 2001. The final FS for OU-2 is due by December 30, 2001.

OU-1. The site is in the monitoring phase; the Team needs to agree on how the wetlands adjacent to Site 1 can be added to the OU-1 monitoring plan.

Site 2 RI Addendum. The Site-2 RI Addendum is due by October 26, 2001.

Site 15. Site 15 appears to be on schedule.

Site 38. Site 38 appears to be on schedule. Final document is due during the 3rd Quarter, FY-2002.

OU-13. OU-13 appears to be on schedule.

Site 40. The Site 40 fish sampling was completed in August of 2001, and the site appears to be on schedule. The ROD is due during the 3rd Quarter, FY-2004.

Site 41. The ROD is due during the 3rd Quarter, FY-2004.

Site 43. The IRA has been initiated and work for this site appears to be on schedule.

Site 44. The work for this site is still to be awarded. TTNUS will likely be awarded this work in FY-2002.

Site 45. Work on this site is still pending.

14. Proposed Agenda for October 2001 Tier I Meeting

Next Meeting October 24 - 25, 2001 at EnSafe's headquarters in Memphis, Tennessee.
The meeting will be held from 8:00 am - 5:00 pm each day.

Leader: Ron Joyner

Scribe: Barbara Albrecht/Phil Hardy

Time Keeper: Gena Townsend

Description	Presenter	Time	Category/Expectation
Site 2	Barbara	2 hours	Comments.
Site 41	Phil	2 hours	Decision on which Wetlands to include in IROD.
Site 40/Wetland 64	Barbara/Phil	2 hours	Present data from the August sampling event.
OU-2	Allison	1 hour	Review FS comments and provide status update.
OU-13/OU-11	Brian/Allison	1 hour	Provide status update.
TTNUS/CH2MHill	Terry/Greg	1 hour	Provide status update.
Station Update	Ron	0.5 hour	Give update on NAS Pensacola CA Study implementation.
Lunch	Team	2 hours	Refresh
Breaks	Team	40 minutes	Relax
Facilitator Training	Gus	1 hour	Learn
Check In/Check Out	Ron	2 hours	Hello/Goodbye
Schedule Review	Bill	1 hour	Review/update current schedule.

Parking Lot

Item No.	Parking Lot Issue
9903-A13	Bill will submit a letter to EPA and State requesting that OU-10 be handled under RCRA authority.
9802-A14	Brian to follow-up on the list of wells to be kept for future modeling.
9806-A44	Review Tier II deliverable packages (rev. 9) for corrections and respond to Bill.
9811-M03	Bring MBTI materials to all meetings.
0003-A12	Terry will be copied on all correspondence henceforth for the AR .
NA	<p>The following is the proposed bi-monthly meeting schedule through August 2002:</p> <p>October 24 - 25, 2001 — Memphis, TN (EnSafe's headquarters)</p> <p>January 8 - 9, 2002 — Charleston, SC (Anchorage Inn)</p> <p>February 26 - 27, 2002 — Pensacola, FL (EnSafe's office; a RAB meeting will also be held)</p> <p>April 24 - 25, 2002 — Tallahassee, FL (TTNUS's office)</p> <p>June 26 - 27, 2002 — (EnSafe's office; a RAB meeting will also be held)</p> <p>August 27 - 28, 2002 — Knoxville, TN (EnSafe's office)</p>

Open Action Items

Action Item	Responsible Party	Status	Due Date	Action Item
0105-A1	Barbara	Complete		Calculate ERM quotients for individual Site 41 wetlands. ERMs calculated; Barb and Allison have data on hand for inclusion into RI as necessary.
0105-A2	Allison/Phil	Pending		Find out which Wetlands can be separated from the Site 41 RI into an IROD. Still looking at possibilities.
0105-A3	Barbara	Pending		Pull Site 2 data together in a preliminary report comparing 1996 data to 2000 data. Draft complete; report to be finalized in October.
0105-A4	Bill	Pending		Develop proposed schedule for IROD
0105-A5	Lynn	Complete		Check with Bobby Lewis concerning the Site 2 samples to see if there is a sample which could be used for TOC determination. No sample available: told to use 1996 TOC data.
0108-A1	Barbara	Pending		Review appropriate techniques for collecting surface water samples from very shallow water bodies.
0108-A2	Barbara	Pending	10/01	Finalize Site 2 Addendum.
0108-A3	Phil	Pending	09/01	Refine Site 41 matrix incorporating items presented during 08/01 meeting.
0108-A4	Brian	Pending		Incorporate regulator comments into the Site 38 Addendum 2.
0108-A5	Gena	Pending	10/01	Finish USEPA comments on OU-2 FS.
0108-A6	Brian	Pending		Compare FDEP 62-777 CTLs to federal criteria, note differences.
0109-A6	CH2MHill	Pending		Submit notification letter to USEPA concerning start of remedial activities at Sites 15.

15. Perform +/- Criteria

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Meeting room comfortable. RAB went well Phil's/Barbara's presentations good and helpful. New facilitator/facilitator training and results. Sandy's goodies and accomodations. Gerry's OU-1 presentation.	Hotel's poor service. Meeting sidebars. Absence of Allison, Tom and Lynn.