

PENSACOLA PARTNERING TEAM MEETING MINUTES

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NAS PENSACOLA
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Date - October 27 - 29, 1997
Location - Shem Creek Inn, Mount Pleasant, SC
Team Leader - Karen Atchley
Recorder - Henry Beiro
Gate Keeper/Timekeeper - Brian Caldwell
Facilitator - Janet Briand

ATTENDEES:

TEAM:

Karen Atchley
Henry Beiro
Brian Caldwell
Allison Dennen
Bill Gates
Bill Hill
Ron Joyner
John Mitchell
Gena Townsend

SUPPORT MEMBERS:

Tier II Link, Paul Stoddard
Janet Briand (Galileo)
Tom Dillion (**NOAA** Adjunct)

GUESTS:

Chuck Mason
David Trimm
Greg Brown
Lori Goetz

The meeting processes and ground rules were read. Paul Stoddard (Tier II Link) reported that he would not be present Wednesday. Galileo reported that the survey results from the August workshop would not be available till December. Bill Gates encouraged all present to help **control** the visitors at this meeting.

NOAA Adjunct Membership

9710-D39 Keep NOAA on Team as an adjunct member. Welcome Tom Dillon!

Proposed Plans Discussion

OU-3

Comments were discussed concerning the proposed plans for OU 3.

9710-D40 All agreed to the suggested changes from EPA and FDEP.

OU-6

Comments were discussed concerning the proposed plans for OU 6.

9710-D41 All agreed to the suggested changes from EPA and FDEP.

OU-17

Comments were discussed concerning the proposed plans for OU 17.

9710-D42 All agreed to the suggested changes from EPA and FDEP.

OU-14

Comments were discussed concerning the proposed plans for OU 14.

9710-D43 All agreed to the suggested changes from EPA and FDEP.

OU-1

Comments were discussed concerning the proposed plans for OU 1.

9710-D44 All agreed to the suggested changes from EPA and FDEP.

9710-A101 R Joyner to provide news clippings of removals to A. Dennen.

9710-A102 K. Atchley to send Gena a tech memo when equipment is onsite for any removal.

Site 2 Discussion

Rate of deposition or erosion needs to be assessed to derive the frequency of monitoring for Site 2. Additional discussion revolved around moving the point of compliance by monitoring at the groundwater-surfacewater interface.

9710-A103 J. Mitchell to research the methodology used by Whiting Field to collect **GW** at the point of discharge.

Site 40 Discussion

Several data gaps or **comments** were noted.

- Sample 5, DDT exceeded the SQAG. Bioaccumulation is needed. Wetland 18 data can be used. Hazard to fish due to PCBs at sample 6.
- Be sure to include in the RI the reference toxicant test and all performance criteria.
- Mysids were not in the SAP, this need to be explained in the RI.

Be sure to note pretest weights for *Neanthes*.

Site 41 Discussion

Several data gaps or comments were noted.

- SAP called for *Hyaella*. Yet *Hyaella* was omitted, be sure to explain in the RI. Chironomid testing was non-standard, be sure to explain purpose and procedures in the RI.

9710-A104 Chuck to e-mail Tom information supporting the use of non-standard testing for chironomids.

- Rerun model separating the DDT, DDD, and DDE resulting in separate TRVs. Fiddler crab whole body analysis was specified in SAP. The substitution with fish tissue should be explained.

9710-D45 The team decided to proceed with the RI for Sites 40 and 41.

Site 38 FS Discussion

1. Point of compliance was discussed.

9710-D46 Point of compliance for surface water will be addressed in **two** ways:

- setup monitoring scenario to meet SW criteria at point of discharge
- each alternative will discuss the surface water criteria

2. Discussed incorporating all GW exceedances into scope of remediation.

9710-D47 All alternatives will address compliance with **ARARs**.

3. Discussion defining baseline use scenario.

9710-D48 All soils identified as posing a risk at a minimum will be addressed in a no action/

industrial control alternative.

4. Discussion soil (**surface/subsurface**) source for GW contamination.

9710-D49 FS will be revised to support that soil is not a source for GW contamination.

5. Discussion of a better range of alternatives

9710-D50 The team agreed to:

- More details on screening technologies
- exhibit combinations of technologies
- investigate "new" technologies briefly

Specifically:

1. No action
2. Natural attenuation
3. pump and treat with natural attenuation
4. institutional controls
5. enhanced bio with natural attenuation

OU 13 Discussion

9710451 OU 13, a groundwater monitoring alternative is needed in the **FS**. Any institutional control alternative should include a monitoring scenario.

9710-D52 NASP FS Process

- Team will screen alternatives together for all affected media.
- Results of that screening (technical basis) to be included in the FS in abbreviated format.

OU 13 Soil Alternatives screening

1. No action with institutional control to current land use (cemetery) and maintenance of cover at Site 8.
2. excavate/dispose residential-1,215 c.y. or industrial-511 c.y.
3. insitu treatment such as: vitrification (not cost effective) and bionitrification (not effective for As, but does reduce risk for BEQ by 50% of cumulative risk)
4. exsitu treatment such as: soil washing (not cost effective for small sites) and tilling/landfarming (not effective on As, but does reduce risk for BEQ)
5. excavation /thermal desorption (not cost effective for small sites)
6. capping (effective @ site 8, but not for Site 24 as it is a cemetery!)
7. Natural attenuation with monitoring
8. noaction -no action

FS will include options: 1, 2, and 8.

OU 13 GW alternative screening

9. no action - no action
10. no action - institutional control
11. pump and exsitu treat (not cost effective)
12. insitu air sparging (not cost effective)
13. insitu mineralization (not cost effective)
14. reactive slurry walls (not cost effective)

15. no action with institutional controls and monitoring

FS will include options: 1, 2, and 7.

Site 15 Soil alternative screening

16. no action - no action
17. no action - institutional control (does not comply with ARARs)
18. limited excavation to industrial scenario 385 c.y.; As to a class II landfill and dieldrin to hazwaste landfill
19. Limited excavation to residential scenario 11,000 c.y. (not cost effective)
20. insitu vitrification (not cost effective)
21. insitu bionuttrification (not cost effective)
22. exsitu soil washing (not cost effective)
23. exsitu landfarming (not cost effective)
24. impermeable capping with institutional controls
25. excavation with exsitu thermal treatment offsite

FS will include options: 1, 2, 3, 9, and 10.

Site 15 GW alternative screening

26. no action - no action
27. no action - institutional control
28. pump and exsitu treat
29. insitu air sparging (not cost effective)
30. insitu mineralization (not cost effective)
31. reactive slurry walls (not cost effective)
32. no action with institutional controls and monitoring
33. intercept and reuse
34. intercept and exsitu treat

FS will include options: 1, 2, 7, 8, and 9.

9710-A103 B. Caldwell to respond to OU 13 and Site 15 comments

Site 7 Discussion

9710-D53 Site 7 report to be finalized and conduct a removal of As contaminated soil.

9710-A105 B. Caldwell to revise the SCR to include new data.

Training Records discussion

9710-A106 J. Briand to type up training records.

STATUS OF ACTION ITEMS - PREVIOUS MEETINGS

STATUS

9701-A13	OU2 :RI review comment responses due ASAP; potential IRAs spring (sites 12+27); draft FS due July 97. Henry to submit responses (before doing next version of document). Result: Comments addressed, concurrence letters forthcoming.	Complete
9703-A23	OU 10 Proposed Plan - Gena to send concurrence letter. Result: Letter forthcoming.	Pending
9703-A30	OU 2 RI - Pending comment resolution. Results: Prepare errata to incorporate comment resolution. Est. completion date is 7/3/97.	Complete
9708-A92	Janet B. provide historical accounting of training for the PNAS team and initiate a training plan	Complete
9708-A94	Tom D. will review roles and responsibilities for adjunct membership and be prepared to discuss at Oct. Meeting.	Complete
9708-A95	Team will look at metrics and assess the accomplishments for FY97.	Agenda
9708-A96	Phase I and 2 RA funds will be transferred from OU 2 to Site 2. Phase 1 and 2 RA funds for Site 38 will be deobligated. (Bill Hill)	Pending
9708-A97	Karen will provide Allison with the estimated quantities of soil that is to be removed for various sites.	Complete
9708-A98	Gena to give Allison KAFRA's contact name, address, and phone number.	Complete
9708-A99	John M. to check with FDEP risk assessors concerning speciation of arsenic in order to answer question - will speciation make a difference in risk? According to Legia, there is no significant difference in risk.	Complete
9708-A100	Henry to find out cost of lab sample for As speciation. (Moot point given there is no significant difference in risk.)	Complete

December Parking Lot:

Nothing yet!

Future Meeting dates: Location

January 27 & 28 TBD
 February 24 & 25 Pensacola (associated with the RAB)
 March 24 & 25 TBD
 April 28 & 29 Pensacola (associated with the RAB)

Proposed PENSACOLA TIER I MEETING AGENDA
December 2 & 3, 1997
Pensacola, Florida
Place: TBA (Henry to find us a place on the beach.)

Team Leader: Henry H. Beiro
 Recorder: Brian Caldwell
 Timekeeper: Allison Dennen
 Facilitator: Janet Briand
 Tier II Link: Paul Stoddard

Start Time: 12/2 @ 0800
 End Time: 12/3 @ 1700

ITEM	GOAL	TIME - hr.	LEADER
Checkin	Sharing	1	HB
- Team Building Exer.			
- Plus-Delta Review			
- Proc./Groundrules			
- 1997 Success stories			
- Tier II update		(0.5)	PS
Training	Hard word	1	JB
Schedule delays	resolution on OU 2 and Site 38	1	HB
Summary results, Tier I/II 98/97 mtg	info sharing	1	JB
Site 39 ESD	resolution: concurrence needed and 5yr review ???	1	BH
OU 2 RI Finalization	Resolution	1	HB
EVPT-project priorities	Resolution	1	BG
OU 10 update	Comment Resolution	0.5	AD
Various Sites	Update	0.25	BH
Site 2 ROD	Resolution	1.0	AD
Site 38 RI Finalization	Resolution	1	HB
OU 6, Site 2, Site 17, Site 42, Site 1PPs	Resolution	0.25	BC
OU 2 FS	update	2.0	HB
Groundwater Model	Comment resolution	1	BC

Site 42 ROD

Resolution

0.5

AD

Checkout

- Metrics

- Success Stories

- Meeting Critique

Resolution

1

HB/JB