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NAS PENSACOLA
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**PENSACOLA PARTNERING TEAM
MEETING MINUTES**

Date - September 2 -3, 1998
Location - EPA, Atlanta
Team Leader- Karen Atchley
Recorder - Brian Caldwell, Ron Joyner
Gate Keeper/Timekeeper - David Grabka
Process Facilitator - Allison Dennen-Harris
Facilitator-

ATTENDED:

TEAM MEMBERS:

Karen Atchley
Allison D. Harris
Bill Hill
Ron Joyner
Gena Townsend
Brian Caldwell (9/2)

SUPPORT MEMBERS:

Tier II Link, Paul Stoddard

GUESTS:

David Grabka, FDEP
B. K. Moring, Navy
Chuck Mason, Ensafe (9/3)
Brian Mulheam, EnSafe (9/2)
Ted Simon, EPA (9/2)
Loring Pitts, Khafra
Bertram Thomas, Khafra

SEPTEMBER 2, 1998

Check-in

OU-13 FS

The EPA has **two** major issues to be addressed that have come to light **as** part of their review of the draft FS. Specifically, these issues are:

- 1) The BRA is incomplete due to the use of background values that have been calculated using censored (non-detect) **data** (e.g. 1/2 the DL used **as** a value for calculating mean, then background value = 2x the mean). At OU 13 specifically, this problem is associated with antimony (Sb) in groundwater. As a result, the initial COC screening may have preliminarily eliminated some COCs from further consideration in the BRA. Additionally, the risk to cemetery workers **has** not been adequately defined.
- 2) The extent of contamination has not been fully defined - specifically, this is a concern for Sb in groundwater and heptachlor epoxide in soil.

BRA

Sb specifics:

EPA, FDEP, and Navy presented opposing views. Summaries are:

- 1) EPA: the background value calculated for Sb is above the RBC; therefore the Sb was screened out too early in the process and risk has not been adequately defined.
- 2) FDEP: the background value for Sb is above the FDEP primary standard, and the site should be re-evaluated with respect to risk and extent.
- 3) Navy: the background value for **Sb was** developed according to standard industry practice and regulatory guidance applicable at the time; it has been reviewed and approved in previous documents, and it should therefore be considered **as** valid and appropriate for extent and risk determinations at OU13. Furthermore, the DL used for Sb **was** consistent with the CLP-CRQL of 60ppb. The approved

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SAP specified that **CLP** Level IV protocol would be followed for analyses; **this** protocol is rigorously (and legally) defined for use **on** all NPL sites, and is therefore applicable for use **on** OU13.

The dialogue that followed was more of an explanation of view, rather than a sharing of ideas. The regulatory views were finally presented as a mandate, and the **Team** asked for consensus. The following mandate (not a decision) was accepted (several members did not participate in the consensus process, not necessarily in response to the technical content of the issue, but in philosophical protest of "revisiting" basic issues in our RI/FS process):

Mandate 98 -1: In the case of "background" values used in COC screening as part of the BRA:

- a) If the DL is > RBC, then use the RBC for COC screening;
- b) If the DL is > ARAR, then use the ARAR for COC screening;
- c) Otherwise use the mean of DLs for screening.

Cemetery Worker issue:

9809-D41: Re-evaluate cemetery worker risk in the BRA. Use real frequency of exposure numbers and use real time for exposure assumptions.

9809-A64: Ron: to get specific numbers for frequency and duration of exposure to Brian Mulhearn.

9809-A65: Khafra: to evaluate particulate emission factor that is acceptable for this site.

9809-D42: If maintenance worker exposure is more conservative than cemetery worker on this site (as determined by frequency and duration numbers), then re-evaluation of cemetery worker will not be necessary.

Extent of Contamination:

Sb is above the **FPDWS** and the RBC in wells 24GR09 and 24GS09; it is below the "background" value.

Views were summarized:

EPA: further delineation is required to the NE.

FDEP: further delineation is required to the NE.

Navy: Sb has been delineated to the limits of the NASP PRGs and does not require further delineation.

Further delineation will not alter the choice of remedial alternatives available to us now, and the FS should proceed.

Again, following dialogue centered on where additional sampling points should be, and not on the issue of whether further delineation was required. A second mandate was issued based on participating member consensus (several members declined to participate based both on technical objection [is further delineation required, and what types of analyses should be run] and philosophical objection [delineation complete already to NASP PRGs, which are consistent with CLP CRQL for Sb]).

Mandate 98-2:

- a) Three new temporary wells are needed, and three new permanent wells are needed. The permanent wells shall be installed along Taylor Road north of the site, and spaced more or less evenly along the northern span of the site to cover the anticipated flow from the site. The temporary wells shall be installed intermediate to the new wells and the existing wells, again arranged evenly to cover a northerly flow from the site. Samples from these wells shall be sampled for the TAL.
- b) During drilling of the new wells, both surface and subsurface soil shall be sampled (consistent with past sampling intervals) and analyzed for the full TAL/TCL (the purpose of these is to confirm the limited extent of heptachlor epoxide - heptachlor epoxide was detected at a single sample location at 71 ppm, but with a PRG of 70 ppm the Team had previously decided that further delineation was not required).

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- c) During well sampling, wells GS01, GS07, GS08, and **GS09** shall be resampled for the TAL.
- d) If wells GS09 or GS07/01 have been destroyed or damaged, then replace them for the resampling event.

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OU13

A discussion was held concerning performing full scan analysis on the monitoring wells at the cemetery.

According to Mr. Pitts, the purpose of performing the full scan was 'To differentiate between CSC's and non- SC's'.

9809-A66: Gena will talk to Ted to obtain proper wording for risk modification for background at OU 13.

Site 40

- 1) Get Tom Dillon's concurrence that he supports fish not living in the Bayou.
- 2) Describe the fish collection methods in greater detail.
- 3) Discuss the documented salt water fish instead of fresh water fish.
- 4) Use **AZ-1** as an uncertainty instead as part of the risk assessment process.
- 5) Have a map showing the northern shore line of the Bayou.
- 6) Include technical justification for measurement end point selection in the text.
- 7) Contact Cheryl to come to a formal resolution on particular comments. DOCUMENT what is agreed on.

Tier II Concerns for Pensacola

- 1) Formal requests for removal from the team of other members and for themselves.
- 2) Decisions are not concrete.
- 3) Frustration - Coming back for more.
- 4) Lack of contractor participation.

9809-A67: All team members are to come to the October meeting prepared to discuss these issues.

9809-D43: Both BK and David were made team members.

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Action Items from Previous Meetings

	<u>Action Item</u>	<u>Status</u>
9802-A14	Brian to follow-up on the list of wells to be kept for future modeling	Pending
9806-A44	Review Tier II Deliverable package (rev.7) for corrections and respond to Bill prior to December 1, 1998.	Pending (due 12/1/98)
9808-A55	FDEP and EPA will brief their management for concurrence on on Final RODs for Sites 17, 42, 1, and OU6 by Sept. 30. John to brief his management by Aug. 10.	?
9808-A57	Everyone review alternatives in OU 13 FS and data in RI. Be ready to discuss.	Complete
9808-A58	Allison and Chuck to review Eco-subcommittee's minutes and provide justification to support defensible documents for Sites 40 and 41.	?
9808-AS9	Chuck will plot contaminant concentration levels in Wetlands at base to get a visual representation of contaminants.	?
9808-A60	Chuck to check turbidity readings in Wetland 13 and 19 to help validate results.	Pending
9808-A61	David and Gena by Aug. 28 will find out from their in-house experts what constitutes an acceptable recovery rate for Site 2.	Pending
9808-A62	Ron to call Susan Reeves, COE, on Aug.	Pending

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| 9808-A63 | 7 to discuss dredging.
Everyone will pull info from their respective agencies by Aug. 28 concerning cost of remediation at Site 2 and email to Allison. | Pending |
| 9808-AS6 | Allison to send out Site 17 ROD for NASP CO's signature by Aug. 14, 1998. | Pending |
| 9806-A45 | Joe (facilitator) will share other team's experience with working with the external State of FL reviewers. | Pending |

Upcoming meetings:

- | | |
|-----------------------------------|----------------|
| Oct 6 - 7 (RAB mtg Oct 6) | Pensacola, FL |
| Nov. 3 - 4 | Orlando, FL |
| Dec. 9 - 10 | Charleston, SC |

Parking Lot:

Joe Land sharing other teams experiences with working with the external State of FL reviewers (action item 9806-A45)

EPA offices, Atlanta GA
 Plus/Delta Meeting Evaluation
 Sept. 2-3, 1998

Delta	+
Tone of Technical Discussions on the first day Ground rules not followed (Except for no concrete decisions") Past decisions not adhered to Brian only here for one day Brian had difficulty finding his way out of Atlanta Slipping schedules All team members were not encouraged to participate	Technical Discussions Open Communication Hotel Tier II Participation

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PENSACOLA TIER I MEETING AGENDA

Oct. 6-7, 1998

Pensacola FL

Place: Base Museum Conference Room

Team Leader: Brian Caldwell
 Recorder: David Grabka
 Timekeeper: Allison Dennen-Harris
 Process Facilitator: The One **and** Only Billy Joe Hill
 Tier II **Link**: Paul Stoddard

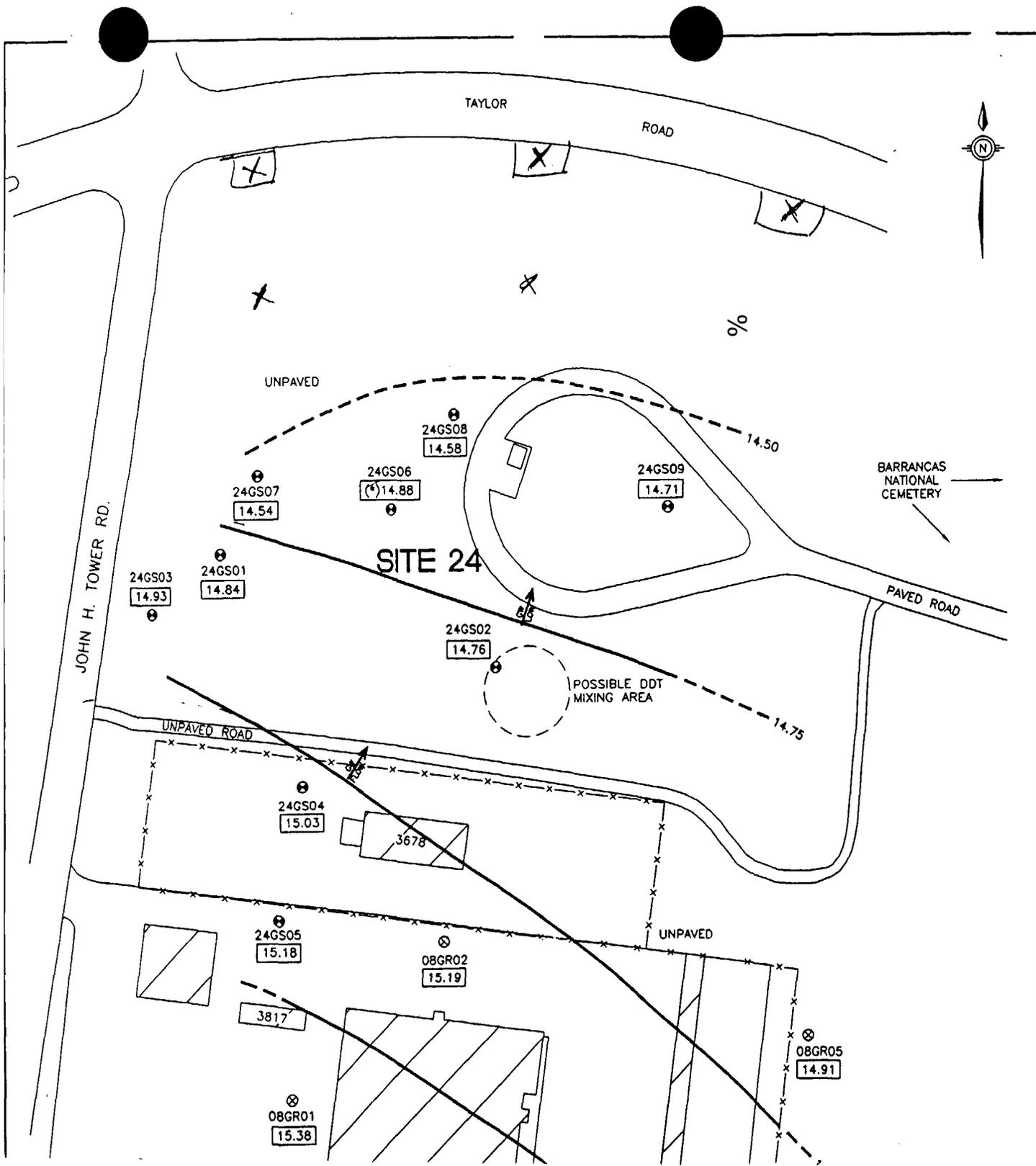
Start Time: 10/6 @ 0800

End Time: 10/7 @ 1700

ITEM	GOAL	TIME - hr.	LEADER
Checkin • Plus-Delta Review • Proc./Groundrules	Sharing Review Action items	0.5	BC
Airing Out	Getting things back on track and moving FORWARD	4	BC
Site 2	Review & establish recovery rate	1.0	BH
Site 15	Preferred alternative selection	1.0	BC
Bronson Field	Update	0.25	RJ
Cost for remedial action	Discussion (Jessie document)	1.0	RJ
SMP	Review	1.0	BH
RODs	Update	0.75	ADH
Site 38	Finalize sampling locations for Site 38	0.5	ADH

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	addendum		
Checkout	Checkout	1.0	BC



Re: Add +
Well - install.
OV 13
Aug. 1998

X = temporary wells

[X] : permanent wells

Prepared for
Tier I Team