

**PENSACOLA PARTNERING TEAM
(FINAL) MEETING MINUTES**

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Date - February 24 and 25, 1998
Location - The Anchorage Inn, Charleston, SC
Team Leader- Allison Dennen
Recorder - Bill Hill
Gate Keeper/Timekeeper - Ron Joyner
Process Facilitator - John Mitchell
Facilitator- Joe Land

ATTENDEES:

TEAM MEMBERS:

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

SUPPORT MEMBERS:

Tier II Link, Paul Stoddard
Joe Land (Galileo)
Tom Dillon (NOAA Adjunct)

GUESTS:

David Grabka, FDEP
Robbie Darby, Navy
Joe McCauley, Navy
B. K. Moring, Navy
Bill Gates, Navy

Check-in

Jerry Arcaro (Galileo) contacted me on February 23, 1998 and advised the Navy Janet Briand was no longer employed with Galileo and Joe Land would be attending our meeting. The meeting processes and ground rules were read. Joe Land and Paul Stoddard were here both days. Reviewed +/-'s. During check-in Joe Land conducted an exercise which consisted of the following four questions:

- 1) What you should know about me.
- 2) What you should know about this team.
- 3) What I expect from you.
- 4) What you can expect from me.

Everyone participated and Joe appreciated the information.

The following information is from Joe Land:

Home Phone: (352) 490-7195 Address: Post Office Box 1517
Cell Phone: (352) 490-1337 Chiefland, FL 32644
Fax: (352) 490-5147

FEDEX: 313 NE 8th Terrace
Chiefland, FL 32644

Email: land@accelerator.net
 land@vector.net
 Joeland@iuno.com (no attachments)

Tier II update: None

Meeting Processes and Groundrules: Team reviewed these and agreed to make the following changes:

Meeting Processes: Make the following changes.

First bullet: **Add** "Process Facilitator"

Fifth bullet: Delete ",you may not get unanimity" and substitute "through consensus"

Eight bullet: Delete ", tools"

Twelfth bullet: Delete "Team Leader" and substitute "Invitor"

Add new bullet: "Members that do not receive meeting minutes within 10 days after the meeting shall contact the scribe"

Ground Rules: No changes

Norms: Make the following changes.

Third bullet: Change it to read "Scribe summarizes discussions, decisions, and action items per topic."

Add new bullet: "Topic Leader to state agenda item objective prior to agenda item discussion."

New Team Member (Check-In): No changes.

Conflict Resolution Procedure: No changes.

Decision Making Model: Make the following changes.

Fourth bullet: change "documents" to "reasons"

Add new bullet: "Communicate to Stakeholders, Management, ect."

Add the following new topic:

"Closing Team Member Procedure (Check-Out)

- What do you want to be remembered for?
- What we appreciated about you.
- What does the member need to say to come to closure?"

9802-A10 Bill Hill to make the above changes to the Tier II Deliverables Package and distribute them to each team member at the next meeting (March **24 & 25**).

Update August 1997 Survey Results with Handouts

9802-A11 The agenda topic which Janet had to provide the August survey results was postponed. Joe Land will provide survey results with handouts from the Joint Tier I/Tier II August **1997** meeting.

99 Budget

9802-D17 Team concurs with the projects prioritized in the FY99 budget submitted **by** Bill Hill which is as follows:

- 1)** OU 1 (Site **1**) Remedial Action
- 2)** Bronson Field Firefighting Training SMU Study (to support land transfer to the school district)
- 3)** Bronson Field Gun Butt SMU Study (to support land transfer to the school district)
- 4)** Bronson Field remaining three SMUs Study (not affected by the land transfer)
- 5)** Bronson Field Firefighting Training SMU Remedial Action (to support land transfer to the school district)
- 6)** Bronson Field Gun Butt SMU Remedial Action (to support land transfer to the school district)

- 7) Site 43 (Buried Drum Area) Study
- 8) Site 44 (Former UST 3221 S) Study
- 9) Site 45 (Bldg 603 Lead Site) Study

Rededication to the Partnering Initiative

9802-D18 A lively discussion was had by all after lunch on this agenda topic. After we each aired our thoughts pertaining to the Pensacola News Article which seemed to be the focus of concern we all agreed we need to word our documents to be more defensible so each agency (as well as the public) will better understand why an alternative was selected. We asked each member what they felt could be improved on and the following list was generated:

- 1) Individuals not supporting team decisions
- 2) Education of the **RAB**
- 3) Team Processes
- 4) Dedication to Partnering
- 5) Conference calls
- 6) Personal vs. professional viewpoints
- 7) Focus on real issues
- 8) Understand where others come from
- 9) Letter of clarification
- 10) Reacquaint team members with limits imposed by others
- 11) Flexibility; collaboration
- 12) Incomplete Decisions
- 13) Focus, Process oriented
- 14) Avoidance
- 15) Defend Decisions as a Team (Clean-up numbers)
- 16) Stable position for funding
- 17) Negotiating vs. Partnering
- 18) FDEP structure
- 19) Increased RAB involvement
- 20) LURA
- 21) Partnering/Teaming
- 22) Economical compliance
- 23) Lead agency
- 24) Preparedness
- 25) End-point: Decisions (documents to support decisions)
- 26) Decision making techniques

We then compiled a list of topics we felt could help overcome the above, they are as follows:

- 1) Partnering Training
- 2) Establish roles and responsibilities of David Grabka and B. K. Moring
- 3) Consensus Building
- 4) Win-Win scenario
- 5) "TEAMING"
- 6) Limits, desires, needs – common goal
- 7) Trust – personal relationships
- 8) Process
- 9) "US/THEM"
- 10) Equal ownership
- 11) Collaborative decisions
- 12) Use of "I" statements
- 13) Being Prepared (review of information)

- 14) Fluff Agenda
- 15) Tele-con to validate agenda
- 16) Data Packages

Site 40 HHRA: This topic was carried over to the next meeting.

Bronson Field Update

9802-D19 Bill Hill, B. K. Moring, and Ron Joyner informed the team of the Navy's terms to the county school district for the property transfer. Explained that the terms that were to be presented as we understood was that the county school district would pay for all costs required to clean the property for transfer. We elected to budget these cost in the Navy's FY99 ERNA plan in case the school district elects not to accept the Navy's proposal. This topic will be kept on the agenda for monthly updates for the team.

Training (How to Make Decisions)/ Decision Process

9802-D20 As a result of the training video provided by Joe Land the team validated its Decision Making Model as outlined in the Tier II Deliverables.

MBTI

9802-A12 This agenda item will be carried over to the next meeting. Everyone is reminded to bring their profiles to the next meeting so we can review each other's profile.

Bill Gates Closure

9802-D21 Team had closure with Bill.

Site 2 ROD

9802-D22 After lengthily discussion to substainate monitoring as the selected remedial alternative, three items were identified to be included in the monitoring plan as follows:

- 1) Monitor sediments at Site 2 through chemical analysis, toxicity, bioaccumulation, benthic diversity, and coring to establish baseline and rate of recovery.
- 2) To determine depositional environment.
- 3) Continued monitoring or remedial action of sediment is contingent on results and source removal from Site 38.

The Critical Path was defined as:

- a) Monitoring parameters and methodology.
- b) Monitoring interval.
- c) Coring (what's at depth).

Gena provided a Camp Lejeune example on monitoring. John stated that the state will require two rounds of sampling need to be conducted to show clean conditions – this can be identified in the ROD.

9802-A13 Allison, Gena, John, and Tom to conduct a collaborative conference call to reword the ROD for Site 2 March 12 at 100 EST.

Long Term Monitoring

9802-D23 Decision was made to identify wells to be kept at sites that have **NFA** on and allow blanket abandonment for the remaining well. Collaboration with RECRA at OU10 & Site 13 on which wells need to **be** kept under this program is required. A list **of** wells to be kept were tentivaly identified as follows:

GS0139	04GS02	07GS01	16GS04
36GR38	10GS04	GM81	GM13
33GS03	14GS01		

9802-A14 Brian to follow-up on the list of wells to be kept for future modeling at the next meeting.

Site 17 ROD

9802-D24 John provided verbal comments and suggested language changes to reflect an IRA had been completed. Gena read her comment and the team accepted both.

9802-A15 Document shall be revised to incorporate these changes after IRA is completed **so** volume of soil with conformation sampling results can be incorporated into the text of the final ROD.
Due date – June 19, 1998

9802-A16 Karen shall provide the volume of soil with conformation sampling results to Allison for incorporation into the final ROD. Due date – April 20, 1998

OU6 ROD

9802-D25 John provided verbal comments pertaining to the IRA being completed and ask to check surface soil sample location 09824 which had an exceedance of benzopyrene. Clarify why this exceedance was left in place, i.e. RI explanation. Add that groundwater still posses a future **risk** from the shallow aquifer to residential scenario. Gena provided one comment; provide an explanation why arsenic caused the risk assessment to exceed the regulatory requirements but that it did not exceed the **MCL**. The team accepted these comments.

9802-A17 Document shall be revised to incorporate these changes after IRA is completed **so** volume of soil with conformation sampling results can be incorporated into the text of the final ROD.
Due date – June 19, 1998

9802-A18 Karen shall provide the volume of soil with conformation sampling results to Allison for incorporation into the final ROD. Due date – April 20, 1998

OU1 ROD

9802-D26 John provided verbal comments. Some of the major comments to be addressed are; Add LURA requirements in the declaration, clarify treated GW will be reintroduced to the wetlands, Add bullet to state organic exceedances will be taken care of through natural attenuation, state surface soil samples did not exceed PRG's, show or state GW iron concentrations **up** gradient to wetland 3 to indicate a pathway. Gena provide minor comments and the team accepted both.

9802-A19 Document shall be revised to incorporate these comments.

NRT Integration for Tier II: This topic was carried over to the next meeting.

GW Model Presentation: This topic was carried over to the next meeting.

Site 38 RI/BRA: This topic was carried over to the next meeting.

9802-A20 Ron and John to find out if a closure report on the avgas line investigation by **ABB** may have some information Site 38 could use concerning the lead issue.

9802-A21 Each member shall review Roles & Responsibilities prior to next meeting and have suggestive changes ready.

NOTE: The followinn information has been carried over from the January meetina minutes for the Site 38 Agenda topic.

Site 38 RI/OU 2 RI (from January meeting)

Risk assessors (Christine, Lisa, Brian, and Ron) formed separate group to discuss comments on the risk assessments. Team agreed that risk assessment subgroup could benefit from facilitator involvement. Janet worked with them while team continued with separate discussion.

Team discussed other comments on the Site 38/OU 2 RI. Gena expressed concerns regarding the conclusions/recommendations section of the OU 2 RI. She would like to see general remedial volumes and types of contaminants in that section. Team discussed the value added to the document.

Site 38 RI relating to Groundwater/Surface Water Interface Sampling

Brian presented his calculations for point of discharge at 100 feet and 1,000 feet offshore using only dispersion from **EPA** guidance. His calculations show little decrease in concentration from the well to the offshore points. Team discussed sampling of groundwater/surface water interface. Point of compliance is the point of discharge.

Site 38/OU 2 Risk Assessment

The risk assessors returned with some questions. Can groundwater be restricted? Yes, on a site by site basis. Base is agreeable to the restriction.

Comment 1: Within groundwater plume, use the maximum value, not an average.
RME calculations: 1) use the maximum across the entire site; 2) average of detected values; 3) point risk. **All** of the information is in the document, but it needs to be reshuffled into appropriate format.

Comment 2:

Iron in soil - reference dose

Site 38 concentrations are below RfD

OU 2 one sample was above FL residential **soil** cleanup goal

9801-A02

Lisa to check reference dose for iron and email to Brian Mulhearn, Ron Severson, and John Mitchell
Pending

Molybdenum was analyzed at only three Site 38 locations. It was detected at two of the three locations.

9801-D05

Molybdenum may be excluded from the Site 38 HHRA

DCE was detected in 5.6% of the samples. It needs to be included in the max RME calculation.

Sodium has no reference dose. It was addressed in the Nature and Extent section regarding its MCL exceedance. It may be dropped from the BRA.

9801-A03 Ron to send OU 2 Fate and Transport section on VOCs in soil and subsurface soil to FDEP risk assessors. **Complete**

Fugitive Dust Inhalation does not need to be added to calculations, but better justification for why the pathway is excluded (sample calculations showing little change in the overall risk) needs to be provided in the document.

Construction Worker Scenario - The industrial work scenario is protective of construction workers. It includes groundwater inhalation and dermal contact.

Manganese does include dietary intake as written.

9801-D06 The tables may remain as they are. Add footnotes to tables to revise the hazard for manganese.

OU2 - How to handle the nondetects
½ the detection limit or ½ the lowest detected value

9801-D07 Use ½ the lowest detected value

Future trespasser scenario will be added as an addendum

9801-A04 FI/FC Lisa will send Brian and Ron what the acute values are for cadmium (due in mid-February). Lisa and Christine will talk to Steve Roberts about FI/FC **Brian and Ron have received the acute values for cadmium. FI/FC is pending.**

Site 38 RI issues

Point of Compliance Approach

1. Point in Bay
2. Point at monitoring well closest to the Bay
3. Measure integrity of the sea wall

Lead Exceedances Extent and Source

Outside Source of Buildings 71 and 604) - Funding

Incorporation of groundwater exceedances into scope of remediation

Compliance with ARARs

Baseline **Risk** Assessment for Soil

No action Institutional Control for Industrial Scenario

Soil as Source for Groundwater Contamination

Revisit

Better Range of Alternatives

Solution: Screen technologies

Funding (use current funds?)

Explore the possibilities

Interim ROD on Soil Only

Team reviewed the issues. **Is** groundwater discharging to surface water? Yes. What if discharge was stopped? What is the integrity of the sea wall? Is groundwater infiltrating into the storm drains? Possible solutions: Line the drains. Study the integrity of the seawall.

9801-DO8

Drop the point of compliance issue (make closest monitoring well poc). Design groundwater

Natural Attenuation

Bill Hill reviewed December **1997** meeting minutes. Tom Dillon summarized information available on NA in sediments. Burial is one option for larger sites. Cores, sediment traps, establish mixing zones, age dating of sediments would all be required to evaluate burial. Biodegradation is another option. Insitu degradation is still being evaluated.

Are any additional data needed for PAHs, metals, pesticides? Alkalinity, hardness, acid volatile sulfides (AVS). As **AVS** goes down, metals availability goes up. Daughter-product analysis.

Gena shared that HQ considers NA to be natural only. If nutrients are added, it is an active remediation. Greg cautions against using NA only. Time to cleanup should be a weighing factor in selection. Paul stated that a treatability study would be required. NA sampling would not support the alternative alone. Tom suggested an NA subgroup.

9801-A05 Gena and John to give memorandum to their respective agency experts. **Pending**

Which sites would benefit from NA sampling? OU **2**, Site 15, OU 13 (Sites **8** and 24), Site 1, and Site **38** would benefit.

Bill brought up issues regarding risk assessment and if it should be included in the remedial design. Gena's answer is no. Write in the report that after removal of may hot spot, **risk** will be negligible. All of this discussion will be in the **FS** and incorporated into the ROD.

Site 38 RI

9801-A09 Gena to contact Fred Sloan about lead and why they did not delineate it any further.

9801-DI2 Gather information and discuss at next meeting

9801-DI3 BRA revisions are also on hold

Proposal for interim ROD has been withdrawn

Site 40 HHRA

A preliminary comparison ~~was~~ done of whole body killifish samples to fish ingestion RBCs and a potential excess risk to human health was identified. However, the killifish samples included bones and organs and does not represent what humans would actually consume (muscle tissue from game fish).

9801-D14 Do a table-top risk calculation based on max sediment contamination in Bayou Grande to flounder (muscle tissue). If unacceptable, do a food web model.

Site 41 FS

How to evaluate vertical extent **of** contamination. Samples were **only** collected from 0 to **6** inches. A proposal was made to collect core samples from Wetland **3**, Wetland 5A, Wetland **18** and Wetland **64** to evaluate depth.

9801-D15 Collect cores to 2 foot depth. Number of cores per wetland is okay. Contaminants of concern only.

What are the remedial goals for the wetlands? The goals would need to be back calculated from the HIs to develop levels that do not pose an excess risk.

Action Items from Previous Meeting

	Status of Action Items - Previous Meetings	Status
9712-A109:	GT to investigate status of EPA comments on these Site 38 and OU RIs .	Pending
9712-A1101	Site 39 concurrence letters from FDEP and EPA forthcoming.	Complete
9712-A111:	Pending response to A1 12, Navy to issue rebuttal letter to decision.	Pending
9712-A113:	GT to bring examples of previously designed groundwater monitoring strategies.	Complete, Gena provide Camp Lejeune example.
9712-A116	GT to take Document Approval status form back to office and determine which concurrences can be conveyed verbally at the time of the next meeting.	Pending. On Agenda
9712-A122	GT will bring the newest guidance documents on NA available to her	Completed by John for chlorinated VOCs
9801-A01	John to check on concurrence letter for the Site 39 ESD. March 10 is due date.	Pending
9801-A07	John to check with Greg on Various site removal work plan status.	Pending
9801-A08	Bill Hill to ask Byas Glover for a copy of the Site 21 CAR.	Complete. CAR has not been submitted for this site.

Proposed PENSACOLA TIER I MEETING AGENDA
March 24 & 25, 1998
Pensacola, Florida
Place: New World Landing in Historic Downtown Pensacola
600 South Palafox
Phone (850) 432-4111

Team Leader: Bill Hill
 Recorder: Ron Joyner
 Timekeeper: John Mitchell
 Process Facilitator: Gena Townsend
 Facilitator: Joe Land
 Tier II Link: Paul Stoddard
 Guest: David Grabka, FDEP
 B. K. Moring
 Robbie Darby
 Bill Kellenberger

Tom Dillon will join us the afternoon of 3/24

Start Time: 3/24 @ 0800

End Time: 3/25 @ 1700

ITEM	GOAL	TIME - hr.	LEADER
Checkin - Team Building Exer. - Plus-Delta Review - Proc./Groundrules - 1997 Success stories - Tier II update	Sharing Review Action items	2	BH
Review Roles /Responsibilities outlined in Deliverables Package	Review/Refine and establish R/R for David & B.K. 9802-A21	1.5	BH
MBTI	Fun (bring your profile)	0.5	BH
Site 40 HHRA	Those Pesky PCB's	0.5	AD
Site 41	Corina Decision(SAP Mod)	0.5	AD
Site 15 Final RI	Concurrence	1.0	BC
RAB Needs	Establish Support Process	0.5	BH
Bronson Field Update	School Board Involvement (FUNDING)	0.25	BH
99 Budaet	Update	0.25	BH
GW Model Presentation	Presentation	1.0	BC

Update August 1997 Survey Results with Handouts (Team Performance Model)	1) Answer questions from December Meeting 2) Provide handout 3) Answer any new questions 4) Establish training Plan	0.5	JL
Training (Topic to be selected by Joe)	Learn	1.0	JL
Data Packaaes	What to provide to make decisions	1.0	GT
NRT Integration for Tier II	Define how it works within Partnering for NOAA and John's former role	0.5	BH
LTM	Update - Identify wells that may be abandoned	0.25	BC
Document Status	Review and Update	0.5	JT
Site 2 ROD	Conference Call Results for Team Consensus	1.5	JM/GT
Site 38 RI/BRA	Get the lead out or How to Complete the RI (9801-A02, 9801-A03, 9801-A04, 9801-A06, 9801-A08, and 9801-A09)	2.0	GT
Checkout - Metrics - Success Stories - Meetina Critiaue	Resolution	1.0	BH