PENSACOLA PARTNERING TEAM
JULY 27 & 28, 1999
MEETING MINUTES

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NAS PENSACOLA
5090.3a

DATE: JULY 27 – 28,1999
LOCATION CH2M Hill Office Atlanta, GA
TEAM LEADER Joe Fugitt
RECORDER Terry Hansen
GATE KEEPER/TIMEKEEPER Allison Harris
PROCESS FACILITATOR Jerry Arcaro

ATTENDEES:

TEAM MEMBERS:
Brian Caldwell (July **28)**
Joe Fugitt
Terry Hansen
Allison Harris
Bill Hill
Ron Joyner
Gena Townsend
Amy Twitty

SUPPORT MEMBERS:
Paul Stoddard Tier II
Jon Johnson Tier II (July 27)
Robby Darby Tier II (July 28)
Tom Dillon Adjunct Member (July 28, p.m.)
Jerry Arcaro Facilitator

GUESTS:
John Custance Construction Manager with CH2M Hill

CHECK-IN

Tom Dillon will not be able to attend until the afternoon of July 28. His proxy was given to Gena.
Brian Caldwell will not be able to attend until July 28. His proxy has been given to Allison.
Robbie will not be able to attend until July 28.
Jerry informs the team that he will probably not be facilitating meetings after November 1999.

The following items were added to the agenda:
- Site 38 Lead results
- OU2 **Risk** Assessment
- Site 43
- Orlando Tier II Meeting
- Site **34.**

Bill informs the team of the following funding issues:
The Phase I/II work for OLF Bronson and NAS Pensacola Site 43 have been awarded to CH2M Hill.
The NAS Pensacola Site 15 Phase 1/11 is ready to award to CH2M Hill.
The OU13 monitoring and basewide monitoring program ready for award.

ACTION ITEM REVIEW

- ***9906-A40-Joe will write a letter and shake a regulatory stick at someone.*** Open to be done by next meeting.

- *9906-A41- Bill will make sure Bvas sends Amy the SMP.* Open to be done by next meeting

- *9906-A42-Allsion will identify availability of data, which may indicate any potential confounding factors in the existing sediment data.* Open contact laboratory to be done by next meeting

- *9906-A13-Gena will contact eco group to discuss suitability of Site 2 eco habitat.* Done

- *9906-A44-Joe will review this strategy with the eco risk assessors at FDEP and be prepared to discuss the State position regarding this approach at next meeting.* Open

- *9906-AIS-Gena will coordinate with Fred Sloan about anew date to resample Site 2.* Done

- *9906-AI6-Ron will determine if any additional data for older utilities is available for the facility.* Pending – the current maps don't show older utilities. However, the archeology department may have older historical maps. Ron will check and report at the next meeting.

9906-A47-Allison will set uv a conference call with Tom Dillon to discuss the fish model assumptions. Open

Reminders:

These items are understood to be works in progress and are carried forward to remind the team of their presence.

- 9903-A13: Bill will submit a letter to EPA and State requesting that OU10 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.

FAC 62-785

FAC 62-785 was discussed with regard to the use of institutional controls and how their eventual removal will cause potential subsurface soil restrictions to be considered. Jon Johnson explained Tier II's position that there is no potential problem.
The possibility of the development of a site/facility specific variance to change groundwater classification from GII to GIII was discussed.
Joe indicated that this action would require a legislature proposal for a variance.

9907-A48: Joe is to check on the possibility for a site specific, facility specific reclassification for the aquifer from GII/GIII.

SITE 43 Overview

An overview of the upcoming field work at Site 43 (buried drum site) was held with the following items discussed.
The groundwater.in the source area will need to be sampled to determine if the site will need to go to RI/FS process
If remedial action is required, the RAC contractor can do an EECA & the site can remain a screening site.

The decision tree for the work at Site 43 was developed. The responsible party is identified in ( ).

STEP 1
Determine the area of excavation (TtNUS)
STEP 2
Collect groundwater sample in source area-install monitoring wells & collect soil and groundwater samples (TtNUS)
STEP **3**
Laboratory analysis of the collected samples, and data presentation (TtNUS)
STEP 4
Team evaluation of Data (TEAM).
The goal is to determine if an IM is needed.
STEP 5
Determine if Site 43 can be kept as screening site or needs to go RI/FS (Team).
During the data evaluation the question of, What are the controlling factors? needs to be answered.
STEP ***6***
Determine the next steps by building a decision table (Team).

9907-A49 Ron to notify base housing of upcoming work in the Site 43 area

The current schedule is for the Site 43 Fieldwork to occur in early September 1999. TtNUS will coordinate the schedule with CH2M Hill to allow the RAC contractor to be onsite during the excavation work.

SITE 34

(This topic was discussed on both days of the meeting. The combined discussions follow).

Gena and Brian provided **an** overview of site status, what is needed and why action is required.

Site 34 was included in the original RI written for OU6. Closing the administrative loop will require a ROD to be done for this site or a letter from the Navy stating why the site should be closed.

The problem is Naphthalene in the groundwater is in excess of Florida Groundwater Guidance criteria.
However, the removal of the source was documented and the contaminated soil was removed. The groundwater sample collected at this time represents the worst case scenario. No risk was calculated for the naphthalene in the groundwater. Based on these conditions additional data may not be needed.

Options for Closure of Site 34 are:

- New ROD	This would require time and may not be needed.
- Letter for site closure	If letter written to explain why not do anything else.
- Amend existing ROD	The current ROD has not yet been signed by CO.
- Eliminate data	Limited data collected so difficult to eliminate any.
- Switch to petroleum program	If additional work is required this may be a possible solution.

9907-A50 Joe to review the existing data for site 34 (next meeting)

9907-A51 Joe to check with FDEP about if site 34 is closed out &/or the concurrence letter is needed.

USEPA and FDEP need the Navy to write technical letter describing actions at Site 34. The letter needs to document source removal and additional work conducted at the site that will allow the state to be able to determine that no additional action is required. Then a concurrence letter can be written by EPA and FDEP closing the administrative loop.
At this time no additional data needs to be collected.

SITE 1 UPDATE

Site 1 activities are complete. The pump has been replaced and additional samples collected.
An inspection of wetland #3 indicates that it doesn't appear to be impacted.
System is operational and functioning. No definitive data is available as of yet.

9907-A52 EPA needs a letter stating that the system at Site 1 is operational and functioning as planned. (The Navy is to consult with Bechtel to see if this is OK.) - Report at next meeting,

MOA UPDATE

CNET Interim Final MOA is out as of 25MAY99. Pensacola's MOA has been reviewed and is acceptable. The review process for final approval of the MOA by FDEP and USEPA should be as done before.

9907-AS3 Bill is to determine where the electronic version of the MOA is located and acquire it so that it can be sent out for signature (A54)

SUCCESS STORIES

9907-AS4 Tier II link is to check on who's updating the success stories that already exist.

SUCCESS STORY TOPICS
- Site 1 treatment is stopping flow of Fe into wetland 4 and the FOTW
- MOA (Ron)
- Cemetery Expansion (Bill)
- Site Removals (Brian)

9907-A-55 Drafts of the above success stories are to be done by next meeting

TEAM SURVEY

The team self evaluation survey was handed out by Jerry and filled out by team.

SITE 38

The Building 72 area is of concern. Groundwater samples from monitoring wells 38GR38, 38GR37, 38GR34,and 38GR35 contained Lead above Florida groundwater standards. There is no record of UST tanks in this area. However, approximately 300 yards to the west buildings 75 & 78 were demolished and a previously unknown UST was found, so there may be one here.

The question of Is this a new site or should it be kept with Site 38? was discussed. The following decision tree was developed:

Is Bldg. 72 part of Site 38?
If yes then ROD is delayed.
If no then ROD goes ahead.

Proposal - Make Bldg. 72 a new site. (Consensus by team)
Decision - Site 72 is new site

Proposal - Sample 38GR35 for full scan CLP TAL TCL Level 11. (Consensus by team)
Decision - use CERCLA screening values

9907-AS6 ENSAFE to collect groundwater sample from 38GR35 and have analyzed for CLP TAL\TCL full suite at Level II (results by next meeting)

9907-A57 Joe to check with FDEP on acceptability of diffusion samplers (groundwater) for analytical results for Investigation and Monitoring

The analytical results will help determine the course of action.
If only petroleum products are detected then Building 72 goes to the UST program.
Detections of any nonpetroleum compounds over screening values will cause building 72 to stay in RI program.

9907-A58 Allison/EnSafe will modify the Site 38 RI bv adding a paragraph describing that Bldg. 72 is a new site and is removed from the Site 38 RI so that the ROD may move ahead.

TIER II UPDATE

Pensacola is a designated team for the Tier II meeting in Orlando on October 6 & 7. A person needs to be assigned. The team decided that Ron Joyner is to give presentation.

9907-A59 Gena is to provide Ron the last Tier II update.

ROD UPDATE

OU6
The Final OU6 ROD has been submitted for agreement. FDEP is reviewing comment response for approval.

Site 15
The groundwater risk was recalculated adding Chromium. No change in the previous recommendations resulted. The Final PP will be out shortly and an errata sheet for the RI is also forthcoming.

9907-A60 EnSafe to get final PP for Site 15 bv 06AUG99 (to accommodate public comment period)
Final ROD will follow shortly thereafter.

Site 15 is discussed later during Day 2 monitoring plans.

OU13
This OU needs a RI addendum.

OU2 RISK ASSESSMENT

EnSafe has received FDEP risk assessment comments and they need to talk with FDEP risk assessor.
9907-A61 Joe & Allison to coordinate the risk assessment questions to resolve issues

VIDEO OF SITE 2

The team was treated to a private showing of the latest effort by the world-renowned videographer and diver Ron "jock crustacean" Joyner. The film is tentatively titled: "The Underwater Paradise - Site 2". This film is an excellent example of Ron's finely honed skill at editing. He maintains the delicate balance of keeping the dialogue sparse while allowing the action to keep the audience mesmerized. I know I speak for the entire team when I say that we eagerly await his next production.

END OF DAY 1 (JULY 27,1999)

CHECK-IN DAY 2

Robbie Darby & Brian Cauldwell join the team. Tom Dillon will arrive at 1400 hrs. during the Site 15 monitoring discussion.

Ron Joyner reports that **NAS** Pensacola has given birth to a new site - while excavating near Sherman Field buried drums were found. More to come at the next meeting.

TRAINING

A discussion on if the Team is applying the partnering concept of win-win solutions was held. The consensus of the Team is that they are.

Jerry handed out a training module on problem solving.

9908-A62 Team review problem solving module & bring to next meeting

SITE 15

Brian provided an outline of a monitoring plan for OU 13 and site 15 groundwater

The objective of the presentation was identified as:
Outline,the elements of a monitoring plan that can be used in the remedial design workplan

The purpose of the Monitoring Plan was determined to be:
- To support the assumptions made in the ROD,
- To achieve the exit strategy.

The objectives of the monitoring plan were identified as:
- Define internal trends in the plume.
  - Determine monitoring frequency,
    - Sample prior to removal and at six-month intervals.
  - Identify the chemicals of concern,
  - Determine the placement of wells.

- Determine points of compliance.

- Determine the frequency of monitoring each of the wells.
  - Determine the potential for natural attenuation,
    - The chemicals of concern (As, Cr, Sb) don't naturally attenuate.
  - Determine if seasonal groundwater fluctuations occur.

- Determine the chemicals of concern to be monitored for.
  - Review RI report for Arsenic, Chromium, and Antimony

- Determine the exit strategy

- Determine the placement of additional wells.
  - Review RI report,
  - Review data collected prior to destruction of existing wells.

9907-A63 Joe needs to determine what will FDEP expect to occur if groundwater excedences are found in downgradient wells at bayou,

Once the removal of the surface soils is accomplished, the As in groundwater should stabilize or reduce. (Team consensus)

The exit strategy was determined to have two possible solutions.

1. OPTIMAL
   The optimal exit strategy will result in the following conditions:
   Arsenic in the groundwater should meet FAC 62-777 concentrations.
   Result in no LUC on groundwater or Surface soil.
   A downward trend in concentrations should be observed.

2. NONOPTIMAL
   The nonoptimal exit strategy will result in:
   The contaminants remain but concentrations are stable.
   There is no movement of the plume toward the bayou.
   The state of Florida can be petitioned to eliminate monitoring.

Consensus was achieved on the following items:

1 The wells to be sampled Initially (pre-removal) were identified as:
  For the west plume GR65, GR33, GR03, GR04
  - For the east plume GR67, GR66, GR36, GR07

(Groundwater samples from these wells should be analyzed for As, Sb, & Cr.)

2 The point of compliance wells were determined to be:
  Perimeter wells: GS71, GS70 GS69, GS68, Alpha (new well)
  Source wells:
  Sample the existing wells and based on data results determine where to install 2 new wells on downgradient edge of the plume plus 1 at source area for each plume. Additionally monitor 1 well at GR04 based on data results.

OU13

This is the area of the cemetery expansion. Brian provided overview of site and contaminants. (Antimony, Thallium, and Cadmium in groundwater).

The removal of surface soil is scheduled in Northeast area of site

The team agreed that the following wells meet either an exit strategy designation or compliance well designations and are to be sampled prior to soil removal:

Exit wells GR05, GS02, GS01, GS08, and GS09
Compliance wells GS10, GS15, GS11, Beta, (new well by road), GS07 (to be reinstalled)

9907-A64 Navy will prepare the data reauired to submit a reauest for a variance from the state to eliminate all monitoring with LUR on groundwater and site use

9907-A65 Joe to check with FDEP to see if LUC for OU13 is ok or need to get a groundwater variance.

SITE 2 SAMPLING

Fred is unable to do this sampling. However, another ESD individual will do the work. The sampler to be used is only capable of grabbing 20 inches of sample.

9907-A66 EnSafe will prepare a statement of work and deliver to ESD by 06AUG99.

9907-A67 Gena is to Pet a letter of concurrence from ESD stating that they (ESD) will comply with the sampling plan developed by EnSafe

ESD estimates they can sample in the October timeframe.

Tom brought out that NOAA has Pensacola as a potential dredging Pilot Site to demonstrate how dredging can be used as habitat restoration. Some money is available for planning and to help augment the existing program and to show how the effort enhances restoration.

A concern was raised by the Navy: They don't want NOAA's actions to piggyback on the ROD. These NOAA actions are welcome but are not tied to corrective actions specified in the ROD.

The team agreed to brainstorm what the team would like the dredging pilot study to do at August Meeting.

SITE 41

Feedback on models sent out by EnSafe was solicited.
Tom Dillon has commented, FDEP has not reviewed.

9907-A68 Joe & team to look at the fish model information sent out by EnSafe for Site 41.

CLOSE-OUT

(Δ)

Very productive meeting
Open airing sessions very beneficial to team productivity
Good technical discussions
Decisions were made
Got through a couple of sites
Decisions recorded
Facilities outstanding
Participation of Jon Johnston
Got through a full agenda
Chairs comfy, Lots of notes
Ron's Video
Highly productive meeting

All members not present for whole meeting
Give people time to talk
Need to utilize Tom's time better
Some discussions at meeting should not leave room

The next meeting will be held in Pensacola at the EnSafe office.
Terry Hansen leader
Allison Harris scribe
Amy Twitty gatekeeper

Start 0800 August 24,1999, RAB August 24 1700

FUTURE MEETING LOCATIONS:

September 28/29, 1999	Charleston, **SC**	Anchorage Inn
October 26/27, 1999	Oakridge, TN	**Brian** Caldwell's House
November ?		
December ?		

AGENDA

TOPIC	GOAL	LEADER	TIME
Site *2*	Update/ Review Data	Gena	2 hr
Site 40 & 41	Fish modeling	Allison	1 hr
Site **38**	Present new data	Allison	1 hr
OU 2	Review risk comments	Allison	2 hr
RAB	Preparation	Ron	0.5 hr
OU 13	Review status	Brian	1 hr
Site 46	Update/Introduction	Ron	0.5 hr
Dredge Pilot	Brainstorm	Tom	1 hr
ROD	Update	Allison	0.25 hr
MOA	Update	Bill	0.25 hr
Site 15	Update	Allison	0.25 hr
Training	Problem Solving	Jerry	1 hr
Success Stories	Review	Team	1.5 hr
Check in	Attitude adjustment	Team	1 hr
Check out	Attitude readjustment	Team	1 hr
LUNCH *(2)*	Food	Team	2 hr
Breaks **(4)**	Relief	Team	2 hr

ACTION ITEMS

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- *9906-A41- Bill will make sure Bvas sends Amy the SMP.* Open to be done by next meeting

- *9906-A42-Allsion will identify availability of data, which mav indicate any potential confoundinn factors in the existing sediment data*. Open contact laboratory to be done by next meeting

- *9906-A46-Ron will determine if any additional data for older utilities is available for the facilitv.* Pending – the current maps don't show older utilities. However, the archeology department may have older historical maps. Ron will check and report at the next meeting.

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Final ROD will follow shortly thereafter.

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9907-A68 Joe **&** team to look at the fish model information sent out by EnSafe for Site **41.**