

Naval Air Station Pensacola RESTORATION ADVISORY BOARD MEETING

**Naval Air Station Pensacola, Bldg. 624 MIC
Pensacola, Florida
Tuesday, October 24, 1995
5:30 p.m.**

N00204.AR.001012
NAS PENSACOLA
5090.3a

- Welcome - John Early, Community Co-Chairperson
- Approve Minutes of September 26, 1995 Meeting
- Status Report - Bill Hill, Southern Division, Naval Facilities Engineering Command
- Training Topics - Jay Bassett, EPA
- Tour Review -
- Draft coverletter for organizations - Jesse Rigby
- TAG Application/Funding Options
- Questions and Answers
- Date and Agenda for Next Meeting -November 28, 1995, 5:30 p.m., MIC Room
- Any Closing Remark

**Naval Air Station Pensacola
Restoration Advisory Board Meeting Minutes
October 24, 1995**

1. Call to Order: The meeting was called to order by Co-Chairman John Early. Minutes of the September 26, 1995 meeting was approved. Thank Jesse Rigby for providing the minutes of the meeting. John will have to leave early due to prior commitment.
2. Committee Attendees: Jay Bassett, John Early, Bill Hill, Thomas **McAlpin**, Lisa Minshew, Lt. Cmdr. Joe Monachino, Jesse Rigby, Jerry Westmoreland. John Mitchell, FDEP was unable to attend due to a meeting in Orlando.
3. Guest Attendees: Charles E. Bird, Hyman Construction, Robert L. Doolittle, Emily Sigrid Healy, Paul D. Smith, Buckeye, M. Kevin Johnson.
4. Statues Report: Per Bill Hill, Henry Beiro with CLEAN Contractor, **ENSAFE**, will explain status of each sites investigation and where we are planning to proceed. Bill Hill proposed continue doing a technical briefing each month to keep committee up to date.

Henry Beiro brief:

ENSAFE's field work began Oct. 1992 with Industrial waste sewer line and industrial wastewater treatment plant. Document prepared June-Oct. 1992. Prior to Ecology and Environment did preliminary investigation found metal and solvent in ground water. Phase 2 investigation April 1993 found abandon **IWTP** on Magazine Point when doing survey. Removed abandon **IWTP**. Field investigation complete. Submitted draft draft final and final Remedial Investigation (RI) at Operable Unit-10 (OU-10), site 32, 33, 35 and 13, the **IWTP**. With RI complete the next step is the Focus Feasibility Study. At draft final stage. Working closely with EPA and FDEP on what they want in the document. The Proposed Plan and Record of Decision for OU-10 will be complete Nov. Dec. time frame and submit PP and ROD to EPA and FDEP for review. PP reflection of what's in RI and FFS for **IWTP**.

OU-2, next largest unit on the base includes sites 11, 12, 25, 26, 27 and 30. Includes area Dynamic Components Div., Bldg. 648, 649 Complex that are did metal plating, test for rebuilding helo and jet engines, spray paint booths and UST tanks around bldgs. Chlorinated solvent plume leaving area to east south east toward site 11 flowing under sites 25, 27, 12, 26 toward site 11. Partnering team decided to resample wells. Two intermediate wells to be installed in couple of weeks due to data gaps. Document due out in Spring time in draft RI formate.

OU-1, include site 1, Landfill adjacent to golf course, adjacent to Bayou Grande. Submit draft RI. Submitted draft final and received comments and in process of completing final errata for final RI at site 1. All field work **completed** at site 1. Objective has become locate the source or sources and see how affecting near by receptors, ie. wetlands and Bayou Grande. Taking enough sample to show a pathway between source and receptor. The receptor investigation the Bay, Bayou

and Wetlands will take care of how the receptors are being affected by those sources.

Site **39** completed. Completed **RI**, **FS** wasn't necessary because it was a no further ROD. We completed PP and ROD.

Site **38**, current investigation with joint effort with EPA, Navy and contract **ENSAFE**. Job almost completed. Completed draft RI but insufficient information to discuss other sources in the area of bldg. **604**.

Site 2, completed draft RI. Offshore area from site **38**. Previous sea plane hanger and plating operation, bldg. 71. Other waste discharged to ocean. Investigation showed minor metals and PAHs, could be attributed to everything from bottom paints on boats to passing tug boat. Need more data to toxicity samples will be taken along with additional chemical analysis to better validate there is a risk to the sediment. Investigation should begin sometime Nov. in association with the Bay, Bayou and Wetlands investigations. 10 sample stations off seawall at site 2 should start mid Nov.

Category **4**, Bay, Bayou and Wetlands. We are in the field now. Have completed phase 1, which included depth profiles, study of total organic carbons within Bay sediments and grain size study. Finer grain sediments tend to accumulate more contaminants, ie. organic, metals. Bias sampling plan. Used depth profiles, TOCs, and grain size to define the assessment zones around the base. Began on Trout Point, taken 16 samples. Testing again due to hurricanes Allison, Erin and Opal. The area has changed, not same site it was 6 months ago. Lisa Minshew asked about areas it has shifted with hurricanes, deep spots in bay where dredging in the pass might have been sediment down in bottom that is now filled in, capsulized, should worry about. Are we going to test or avoid them once filled in. Jay Bassett, EPA, go back historically and look at to see where sediment has been built up on we consider that not a problem any more only problem is hurricanes are different. Very difficult to tell what we've seen before to what we've seen after. How do you evaluate that? Raise question that there is a lot of creosote in the sediment in the lower spots in the Bay and been told if gets covered over, it's a worse hazard if capsulated than if it comes out and aerated. Jay- EPA says usually if you cover it over and sediment on top of it, means you take away to exposure pathway, your probably better actually than just letting in dilute. All you can do is take a snap shot of the best information you have and look at it. It will give us a good picture, what are the exposure pathways. Question by Thomas McAlpin - How many sampling sites in phase 1. Henry - Some where around 400 or 500. How many sampling sites are being proposed for phase 2? Henry - thinks **284** in just Bay and Bayou. Jerry Westmoreland asked how far going into Bayou Grande? Henry said from fence to fence. Jerry asked about the back ditch in Pleasant Grove? Henry said not a part of Bayou study. In the wetlands study there are a few sample to be taken in the wetland that is a up stream source to that ditch, but no samples in the ditch it self because there is no historical information that would give us a reason to want to take any samples. Actually thinking of using those wetlands as reference areas because there is nothing back there. Jerry said been history of foam and solvent foam coming

down that ditch. A lot of neighbors have complained over the years. Henry explained that the foam he has seen is clay suspension foam. Quite often clays have such a high electromatic charge to them, that when mixed with water act as a wetting agent. They reduce the surface area of water it make it easy to make bubbles. Look closely at the foam and you will see clay particles through the foam. That is what Henry saw on the day it looked.

Comprehensive Sampling Analysis Plan (CSAP) has been approved by EPA and FDEP. Copies are available for review. CSAP has in depth procedures for everything ENSAFE does in the field. Comprehensive Health and Safety Plan which is basically the same thing. That way when we go to do new plans in the future all we have to do is write a site specific SAP. One sample will usually take up to 200 to 250 sheets of paper. Jesse Rigby said it seems exceptional expensive. Jay- EPA said they are doing everything level quality 4. A lot of facilities he works with are using level quality 3 which is not quite as expensive for the paper trail.

Site 36, Industrial Waste Sewer Line, which covers about 5 miles around the base. The Site Specific Sampling and Analysis Plan be complete Nov. 3. \$200,000 was resended for the clean up. We had proposed flush the Industrial wastewater sewer line so we could get a RCRA clean closure, so we could abanded it in place we sent wrote a work plane for PWC to implement to flush the force mains of the pipeline and the gravity lines are to be grouted. Funds have been provided from BRAC money to close.

Field work left to be done is Bay, Bayou and Wetlands, and Category 7. Field work at Bay, Bayou and Wetlands should be completed in mid February. All field investigation is complete. We are hoping to be completely demobilized sometime Mid Summer. Additional field fazes may require work but don't anticipate.

5. For the record, John Early had to leave the meeting and passed the chair to Lisa Minshew.

6. Training Topics, Jay Bassett - Relative Risk for agenda at next meeting; sampling procedures and data quality. Lisa - as we get more information we will be able to ask more questions. Jay also suggested Risk Assessment and Ecological Risk. Risk Assessment leads into the decision making mode. Lisa suggest a short summation of the different chemicals we are seeing and what their risk are to human life and fish. Jay - EPA has a series of one page fact sheets for different contaminates put out by ATSDR and will mail to Michele. Michele will copy and give to board members. It's not as strong on the eco side but on human health. Eco side is less define, that is why the toxicity is so critical. Have screen levels but does tell actual affect. Thomas ask for diagram of the sites with plume. This is part of the RI report.

7. RAB Repository: Bill Hill has copy of all the documents for Michele to put in RAB Repository when location found.

8. Questions and Answers:

a. Guest asked for chemical data sheets from ATSDR which tell how chemical and their different affect to human. Jay will bring to next meeting.

b. Hyman Construction representative, contractor on construction site. Working at IWTP. Will draft proposed plan have information. We are proposing no further action for the soils. Base on proposed use for the facility will propose institutional controls, no to allow any residential scenarios to implemented in the area in the base's master plan. Per Jay, EPA, the State has more conservative break offs so this is to meet the States requirement, more than EPA's. Industrial current there is no unacceptable risk. The ground water is contaminated in the area based on pass leakages of the domestic or industrial sewer system. The is a RCRA permitted action going on. They have six ground wells that are being pumped into the industrial waste sewer system. As of Nov. 1, the industrial sewer system will start conversion to domestic by Hyman in their construct contract. The RCRA permitted pump and treat system, which will be on going for the next 30 years, we are have a pre-treatment facility installed. Hyman has been awarded the contract to install the pre-treatment facility. The additional data collected under the CERCLA investigation will administer the groundwater cleanup under the RCRA permit in that area. We are going to do leachability modeling and put in contingency for removal if it is determined to be a source to groundwater contamination the Navy will remove those soil which a relatively a small amount. Chemicals of concern were listed in Hymans Construction contract. They were identified in the site development plan on page 428. Jay recommended if have any particular questions on the ongoing construction, contact Ron Joyner. Bill Hill said we put in the construction specification the highest detected hit so Hymans Health and Safety Officer can address it appropriately in her health and safety plan, that is Frosty White. Issue of polishing pond should be coordination between ROICC, PWC, NASP Environment.

Bill Hill introduced guest to the RAB members.

9. Cover letter - mark up for next meeting than we will give back to Jesse.

10. Agenda items for next meeting: Relative Risk, Risk Assessment, & Chemical Contaminate Summaries (Start with **OU-10** and the chemical related to that and what they do and the Risk Assessment and possible cleanup options); Repository, Organization letter, Update of Bay, Bayou, Wetlands; results on joint investigation; documents - Propose Plan **OU-10**; Sampling & Analysis Plan for sites 40, **41**, **42**;

11. Meeting Adjourned

Naval Air Station Pensacola
**RESTORATION ADVISORY BOARD
ROSTER**

24 OCTOBER 1995

MEMBERS

SIGNATURE

Jay Bassett



John Early



Bill Hill



Thomas McAlpin

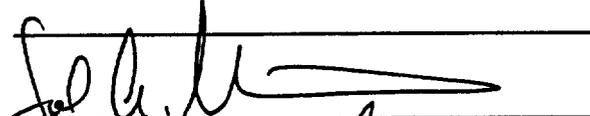


Lisa Minschew

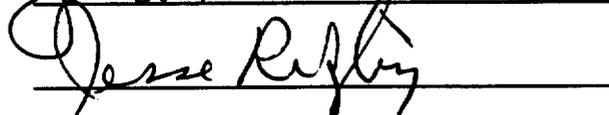


IN ORLANDO

John Mitchell



LCDR Joe Monachino



Jesse Rigby



Jerry Westmoreland



ALTERNATE MEMBER

Mary Radford



**RESTORATION ADVISORY BOARD
NAVAL AIR STATION PENSACOLA
c/o Public Affairs Office
Building 191-Code OOB00
190 Radford Boulevard
Pensacola, Florida 32508-5217**

**October 24, 1995
[DRAFT]**

Ms. _____
President
Organization **X**
Address

Re: Naval Air Station Pensacola Installation Restoration Program

Dear **Ms.** _____,

As Community Co-chairman of the NAS Pensacola Restoration Advisory Board, I want to take this opportunity to inform you of Installation Restoration Program activities aboard NAS Pensacola that may be of interest to you and other members of _____ (name of organization)

The enclosed document provides a description of the Navy's Installation Restoration Program and the Restoration Advisory Board that was formed to enhance community involvement in the Navy's environmental clean up activities. The enclosure has been written **so** that it can be reprinted in any newsletter that you may send to members of your organization.

The private citizen members of the Restoration Advisory Board **can** serve conduits of information between the Navy and the public with respect to the Navy's efforts to clean up hazardous substance contamination aboard the base. We invite your input. Feel free to encourage your members to call any member of the RAB if they have questions. Feel free to call **on** us to speak with your membership. We will do our best to facilitate the free **flow** of information about the Installation Restoration Program. We will assure you that any comments that your members might have **will** be passed **on** to the Navy representatives responsible for the success of this program.

Sincerely,

John Early

Enclosure

RESTORATION ADVISORY BOARD
NAS PENSACOLA

The current mission of Naval Air Station Pensacola is to support Naval air training by providing facilities, services, and maintenance support for training squadrons and other tenant commands. During much of its almost **170** year history, the base conducted industrial related operations that required the use of a wide variety of materials that we **now** know **to** be hazardous. These included plating materials, metals, cleaning solvents and petroleum based compounds that have the potential **to** pollute the environment.

In December **1989**, NAS Pensacola was placed **on** the EPA's National Priorities List (NPL) of sites that require environmental assessment and clean up. Although these sites are commonly referred to as "Superfund" sites, NAS Pensacola **will** be cleaned up using **funds** from the DoD budget. The DoD program responsible for cleaning up contamination by hazardous substances is the Installation Restoration Program (IRP). NAS Pensacola is an active and energetic participant in the IRP. Through the fiscal year **1997** budget (ending September 30, **1995**), \$_____ had been set aside for the IRP assessment and clean up activities aboard the base.

Assessment activities have been completed at many of the **42** separately identified sites, and cleanup work has been completed at some of the sites. Assessment activities to determine the extent and nature of the contamination is on-going at a majority of the **42** sites. In fiscal year **1995** alone, approximately \$_____ was spent **on** assessment and cleanup activities at NAS Pensacola under the IRP. An additional \$_____ should be spent in fiscal year **1997**.

The IRP requires a cooperative effort between the Navy (as lead agency), the federal Environmental Protection Agency (EPA), and the Florida Department of Environmental Protection. **This** cooperative effort has worked exceptionally well at NAS Pensacola. In order to enhance the cooperative approach, representatives of each **of** these groups, along with representatives of the private firms contracted **to perform** assessment and cleanup

activities, meet monthly as a joint **decision-making** group overseeing the **IRP**. Problems are identified early **so** that solutions **can** be found before either time or money is wasted.

NAS Pensacola recognizes that the public **has an** interest in ensuring that the Navy does a good job protecting **the** base environment and remediating past problems. **NAS** Pensacola is almost surrounded by navigable waterways used by the public. These water bodies could have been impacted by waste disposal practices considered acceptable years ago. Therefore, as part of the **IRP**, these adjacent water bodies **will** also be studied, just as sites physically aboard **NAS** Pensacola are studied during the assessment process.

NAS Pensacola desires input and suggestions from the public. Cleanup plans are presented to the public for review and comment before the plans are finalized. In addition, to enhance the public awareness of the **IRP** and to increase public involvement and access to information, **NAS** Pensacola has created a Restoration Advisory Board (**RAB**) comprised of private citizens and Navy representatives. The mission of the **RAB** is to establish and facilitate a forum with the community, regulators, and **NAS** Pensacola for the input and exchange of information in an open and interactive dialogue concerning the base's environmental restoration program. The **RAB** is an adjunct **to**, but not a replacement for the public input forums required by federal and state law and regulations.

The **NAS** Pensacola Restoration Advisory Board consists of between five and eight members. Members were initially selective by the Base from applications with a goal of obtaining as broad based representation from the community as possible. Future replacement members will be selected by the **RAB** pursuant to the **RAB's** Charter, which was developed by the **RAB**.

NAS Pensacola and the Restoration Advisory Board encourages your participation and involvement in the process of improving the environmental **status** of the base. The **RAB** meets at least bi-monthly. Notice **of** the meeting is provided in the Pensacola News Journal. All meetings are open to the public. **You** can also become involved by calling any

member of the RAB to ask questions or express concerns. Another option is to contact Michele Harrison at the NAS Pensacola Public Affairs Office (452-2311), who will ensure that your comments are forwarded to the Board. Current RAB members are:

John Early - Board Co-chairman
456-4 111

Lisa S. Minshew
434-6859

Thomas McAlpin
432-4420

Jeny Westmoreland
492-2820

Jesse W. Rigby
434-9200

FY 1996 SMP ROD Signature Dates

Sites 13, 32, 33 and 35	5/4/96
Site 1	10/14/96
Site 2	5/30/97
Site 38	9/5/97
Sites 11, 12, 25, 26, 27, 30	1/2/98
Site 41	10/10/98
Sites 40 and 42	10/10/98
Sites 9 and 29 with 34	9/22/96
Site 15	10/19/97
Site 17	12/18/97
Site 22	7/1/98

Notes:

Cite 39 is complete.
 Sites 3, 19, 20, 21, 23, and 37 have been transferred to the Florida Petroleum Program.
 Screening sites not associated with an RI site include: Sites 10, 14, 18, 24, 28, 4, 5, 6, 7, 8, 16, 36, 43, and 44.

Post-It™ brand fax transmittal memo 7671 # of pages > 1

To <i>Michelle Harkins</i>	From <i>Ren Joyner</i>
Co.	Co.
Dept. <i>PAO</i>	Phone #
Fax # <i>2-2760</i>	Fax #

Document Summary

Document	SMP Date	Date Submitted	Comments Due Date
October 1995			
Category 7 Final SAP	10/13/95		—
OU 10 Draft PP	10/25/95		12/1/95
November 1995			
Site 36 Draft/Final SAP	11/3/95		12/3/95
OU 10 Final FS	11/4/95		—
Draft/Final Site 10 and 14 PSC	11/5/95		12/5/95
Final Site 1 RI	11/18/95		12/18/95
Draft/Final Site 9, 29, and 34 RI	11/18/95		12/18/95
December 1995			
Draft Site 1 FS	12/23/95		2/13/96
Draft Site 9, 29 and 34 FS	12/1/95		1/22/96
January 1996			
Draft/Final OU 10 PP	1/7/96		2/6/96
February 1996			
Draft OU 10 ROD	2/6/96		3/14/96
Draft/Final Site 9, 29, and 34 FS	2/28/96		3/29/96
March 1996			
Draft/Final Site 1 FS	3/21/96		4/20/96
Draft Site 9, 29, and 34 PP	3/14/96		4/20/96

Document Summary

Document	SMP Date	Data Submitted	Comments Due Date
April 1996			
Draft Site 1 PP	4/5/96		5/12/96
Draft/Final OU 10 ROD	4/10/96		4/30/96
May 1996			
Draft Site 18, 24, and 28 PSC	5/7/96		7/13/96
Draft Site 15 RI	5/9/96		8/14/96
Draft/Final Site 9, 29 and 34 PP	5/27/96		6/26/96
June 1996			
Draft/Final Site 38 RI	6/16/96		7/16/96
Draft/Final Site 1 PP	6/18/96		7/18/96
Draft/Final Site 2 RI	6/23/96		7/23/96
Draft Site 9, 29 and 34 ROD	6/26/96		8/2/96
July 1996			
Draft Site 17 RI	7/8/96		10/13/96
Draft Site 1 ROD	7/18/96		8/24/96
Draft OU 2 RI	7/23/96		10/28/96

Document Summary

Document	SMP Date	Date Submitted	Comments Due Date
October 1995			
Category 7 Final SAP	10/13/95		—
OU 10 Draft PP	10/25/95		12/1/95
November 1995			
Site 36 Draft/Final SAP	11/3/95		12/3/95
OU 10 Final FS	11/4/95		—
Draft/Final Site 10 and 14 PSC	11/5/95		12/5/95
Final Site 1 RI	11/18/95		12/18/95
Draft/Final Site 9, 29, and 34 RI	11/18/95		12/18/95
December 1995			
Draft Site 1 FS	12/23/95		2/13/96
Draft Site 9, 29 and 34 FS	12/1/95		1/22/96
January 1996			
Draft/Final OU 10 PP	1/7/96		2/6/96
February 1996			
Draft OU 10 ROD	2/6/96		3/14/96
Draft/Final Site 9, 29, and 34 FS	2/28/96		3/29/96
March 1996			
Draft/Final Site 1 FS	3/21/96		4/20/96
Draft Site 9, 29, and 34 PP	3/14/96		4/20/96

Document Summary

Document	SMP Date	Data Submitted	Comments Due Date
April 1996			
Draft Site 1 PP	4/5/96		5/12/96
Draft/Final OU 10 ROD	4/10/96		4/30/96
May 1996			
Draft Site 18, 24, and 28 PSC	5/7/96		7/13/96
Draft Site 15 RI	5/9/96		8/14/96
Draft/Final Site 9, 29 and 34 PP	5/27/96		6/26/96
June 1996			
Draft/Final Site 38 RI	6/16/96		7/16/96
Draft/Final Site 1 PP	6/18/96		7/18/96
Draft/Final Site 2 RI	6/23/96		7/23/96
Draft Site 9, 29 and 34 ROD	6/26/96		8/2/96
July 1996			
Draft Site 17 RI	7/8/96		10/13/96
Draft Site 1 ROD	7/18/96		8/24/96
Draft OU 2 RI	7/23/96		10/28/96