

N62604.AR.000471  
NCBC GULFPORT  
5090.3a

RESTORATION ADVISORY BOARD MEETING MINUTES 4 JUNE 1998 NCBC GULFPORT  
MS  
6/4/1998  
NCBC GULFPORT

39501 - GENERAL  
13.03.00.0039



Gulfport, Mississippi

**NCBC Gulfport RAB Meeting  
Naval Construction Battalion Center  
Gulfport, Mississippi  
June 4, 1998  
6:30 p.m. - 8:00 p.m.**

---

The following members of the Restoration Advisory Board met in the Building 1 conference room at the Naval Construction Battalion Center in Gulfport, Mississippi, on June 4, 1998:

Jim Atchison	Carolyn Rushing
Gordon Crane	Joyce Shaw
Edie Dreher	Philip Shaw
David Marshall	Jeff Stawowy
Skip McDaniel	Barbara Thomas
Bob Merrill	Earl Whittemore

In addition, the following guests were welcomed from the community:

Dickey and Sherry Arndt  
Debra Bertucci  
Patti Cropper  
Billy Robbins

Support personnel attending the meeting included:

Arshad Bahl, Booz, Allen and Hamilton, Inc.  
Penny Baxter, Harding Lawson Associates  
Art Conrad, Southern Division, Naval Facilities Engineering Command  
Marland Dulaney, Harding Lawson Associates  
Ronny Fields, Harding Lawson Associates  
Robert Fisher, Harding Lawson Associates  
Anita Pease, Harding Lawson Associates

**Welcome:** Gordon Crane opened the meeting at 6:30 pm with welcoming comments and welcoming the community members attending. The April meeting minutes were read and accepted.

**Agreed Order (AO) and Installation Restoration (IR) Program Update:** Art Conrad provided an overview of the AO and IR programs. A copy of the *AO and IRP Update*, passed out during the meeting, is attached. Highlights of the presentation are summarized below:

#### AO Highlights:

- Meeting held with MSDEQ in Jackson on May 12 to discuss the biological monitoring plans.
- A meeting was held with MSDEQ in Gulfport on June 4 to visit sampling sites selected.
- Funding for carrying out the biological monitoring has been requested.
- Groundwater monitoring activities will begin in July.
- Additional sampling in the swamp north of the base is being completed this week. Sample results will be available in 2 months.

#### IRP Highlights:

- Excavating the area and putting in a carbon filter completed a temporary remediation setup at the Site 4 seep.

#### **ABB Update**

Penny Baxter gave a news update on activities connected with the Navy's CLEAN consultant. ABB-ES has merged with Harding Lawson Associates and will now be known as HLA-ES. Nancy Rouse/HLA has left the company and her efforts on behalf of community relations will be shared between Bruce King-Shey from the Arlington office and Bill Kollar from Tallahassee. Ms Baxter introduced Anita Pease (HLA Arlington office) who will be the ecological risk assessor and will lead the ecological sampling activities to begin this summer.

#### **Biological Monitoring**

Dr. Marland Dulaney/HLA-ES gave the RAB a talk on how and why biological monitoring will be done. There are three main components to the biological monitoring: 1) ecological sampling and effects; 2) human health; and 3) dioxin fingerprinting.

Ecological sampling will consist of two types: sampling of larger fish to study for effects on human health and sampling of smaller minnows to study the effects on the food web. The question to be answered is "Is dioxin in the food chain and is it causing adverse effects?"

The human health component is a continuation of the Exposure Assessment activities. The Exposure Assessment identified 6 populations that potentially contact dioxins differently. For example, onbase is an industrial scenario. Also, present is a fishing population offbase. The object of the human health component is to study the different populations.

For the fingerprinting portion of the investigation, the 17 dioxin/furans believed to be harmful. Some are believed to be more harmful than others. The fingerprint study will identify which dioxin/furans are present in abundance and will attempt to identify which may be associated with Herbicide Orange.

Q. Are you collecting samples from fish and crawfish?

A. Yes, for the human health component samples of fish fillets only will be taken. For the ecological study, whole fish, such as minnows eaten by birds or larger fish, will be sampled. There will be target species from different feeding (or trophic) levels.

A discussion followed among RAB members and support personnel present. The discussion brought up ideas on where higher dioxin levels have been found, doing an epidemiological study, sampling amphibians, the presence of the creosote plant upstream and other factors that may influence the study.

Following the biological monitoring discussion, Gordon Crane requested that the RAB members needed to bring concerns of the community to the RAB meetings so that the Navy can address those concerns. Several community members were in attendance at this meeting.

One community attendee mentioned a gravel pit on 34th Street that was filled in after Hurricane Camile. One community member attending the meeting said that she once lived on Bear Creek and that five families in that area all got the same illness. Another community attendee said that happened in another area - the Lynwood Circle area. He stated that out of 40 houses there were 40 cases of cancer over the years as well as birth defects. This area is south of the base in the vicinity of Canal #1. A general discussion followed these comments.

Bob Fisher, lead hydrogeologist (HLA-ES), stated that some sediment samples had been taken at the south end of Canal #1 and that only very low levels had been found. He further stated that he did not see a connection to Bear Creek. This area will be looked at again by the Navy's consultant. G. Crane told the community members from the Bear Creek area that he would contact them next to look at the area(s).

The agenda for the next meeting was discussed. It was decided that Phase I and Phase II delineation data should be presented at a public availability session. This PAS will be held on August 6 and will include two sites: Isiah Fredericks Community Center and the Gulfport Public Library. The PAS will include delineation information and an introduction to biological monitoring. A subcommittee was formed to review the biological monitoring workplan available in mid-July. This committee consists of Skip McDaniel, Joyce Shaw, Dave Marshall, Edie Dreher, and Jeff Stawowy.

### **Conclusion**

The meeting was adjounded at 8:00 pm.