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NCBC GULFPORT  
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RESTORATION ADVISORY BOARD MEETING MINUTES 5 NOVEMBER 1998 SITES 6 AND  
10 NCBC GULFPORT MS  
11/5/1998  
NCBC GULFPORT

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*Gulfport, Mississippi*

**NCBC Gulfport RAB Meeting**  
**Naval Construction Battalion Center**  
**Gulfport, Mississippi**  
**November 5, 1998**  
**6:30 p.m. - 8:00 p.m.**

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The following members of the Restoration Advisory Board met at the Harrison County Public Library in Gulfport, Mississippi, on November 5, 1998:

Gordon Crane  
Andy Guerra  
Joe Halasz  
Lt Matt Haupt  
Art Holzweissig

David Marshall  
Skip McDaniel  
Ron Schmidting  
Joyce Shaw  
Philip Shaw

In addition, the following guest was welcomed from the community:  
Lucy Brown

Support personnel attending the meeting included:

Penny Baxter, Harding Lawson Associates  
Art Conrad, Southern Division, Naval Facilities Engineering Command  
Marland Dulaney, Dulaney Toxicology

**Welcome:** Matt Haupt opened the meeting at 6:30 pm with welcoming comments and an introduction of all attending guests.

**Agreed Order (AO) and Installation Restoration (IR) Program Update:** Art Conrad provided an overview of the AO and IR programs. Highlights of the presentation are summarized below:

AO Highlights:

- Phase I of the groundwater investigation was completed between October 5-28. This included direct push groundwater sampling, temporary well installation, and installation of a groundwater/surface water monitoring station.
- Delineation of dioxin is complete on base. All offbase delineation is complete except for an area halfway between the north edge of the Base and Turkey Creek. The final leg of delineation is funded and samples will be collected starting in December.
- Biological monitoring activities will start later this month.

IRP Highlights:

- Site 6, the former Fire-Fighting Training Area, continues to undergo pump and treat of the groundwater to remove free product.
- PCB-contaminated soil at Site 10 has been tasked for workplan development. Cleanup is planned for 1999.

A brief presentation scheduled for this meeting about the Administrative Record was postponed until the next meeting.

Dr. Marland Dulaney gave the first of four training sessions on dioxin, toxicology and risk assessment. This first session was entitled "Introduction to Toxicology." During this session Dr. Dulaney presented basic concepts and terminology about the science of toxicology. He presented a case study of what happens when a chemical is found in the environment and led the RAB through the steps of how a toxicologist studies this problem.

The RAB was able see the who, what, when, where, why and how of a chemical exposure. Included in the presentation was a discussion of animal studies of chemical exposure versus human studies. Also included were easy to understand examples of how a chemical is toxic and how much it takes to be harmful.

Three additional training sessions are planned for future RAB meetings. These will include the toxicology of dioxin, toxicology and risk of dioxin, and risk assessment and risk communication.

**Conclusion:** The RAB agreed to hold its next meeting on January 8 at the Harrison Public Library. The meeting concluded at 8:00 pm.