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NCBC GULFPORT
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RESTORATION ADVISORY BOARD MEETING MINUTES 12 OCTOBER 2004 NCBC
GULFPORT MS
10/12/2004
NCBC GULFPORT

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Gulfport, Mississippi

NCBC Gulfport RAB Meeting
Naval Construction Battalion Center
Gulfport, Mississippi
October 12, 2004

The following members of the Restoration Advisory Board (RAB) met at Isiah Fredericks Community Center on October 12, 2004:

Joann Casey
Gordon Crane
Marie Hansen
Belinda Head
Bob Merrill

Joseph Mitchell
Cherie Schulz
Joyce Shaw
Earl Whittemore

Administrative and technical support for the meeting were provided by:

Art Conrad (Naval Facilities Engineering Command)
Bob Fisher (Tetra Tech NUS (TTNUS))
Prashant Khanna, (Environmental Chemical Corporation (ECC))
Nancy Rouse, Navy Community Relations

Other attendees included:

Kurt Bratzler (NCBC Gulfport)
Fontelle Breelen
Cheryl Brewer
Jason Brown (TTNUS)
Marie Erickson
David Hadden (AF)
Mike Hawkins (AF)

Gurtha Matthews
Graham McClaine
Bonnie McGer (NCBC Gulfport)
Kimble Otis
Eileen Whittemore
Mike Whitten (TTNUS)

Welcome

Gordon Crane, the Navy RAB Co-Chair, opened the meeting at 6:30 pm.

Public Health Assessment Update

Gordon Crane stated that based on comments received on the draft Public Health Assessment, the ATSDR has requested records from the 1987-88 dioxin cleanup. Specifically, they have requested daily air monitoring logs for the duration of the incineration.

Canal Road Sampling

Bob Fisher of TTNUS provided information about the new sampling method (referred to as EPA Method 4025) that will be used to conduct the remaining sampling along Canal Road. This new field method uses a test tube coated on the inside with an enzyme that reacts only with dioxin. Results from this technique are very accurate and measure down to the low parts per trillion. This method will allow analysis of nearly 20 samples per day. Results will be available in two to three days whereas the

previously used laboratory method (EPA Method 8290) took 30 days for analysis. Also, the cost of analysis using this new field method is only one third of the cost of laboratory analysis.

The upcoming sampling event along Canal Road will be NCBC Gulfport's first opportunity to use this new method. Dirt piles located along the west side of the road will be sampled. These piles are believed to be made up of sediment dredged from Canal One sometime in the past. Because dioxin concentrations do not change much over time, these piles may be an indication of historical dioxin concentrations. Some of the initial samples collected from the piles contained low concentrations of the type of dioxin (TCDD) associated with Herbicide Orange.

Sample locations are shown in the attached presentation materials. Samples will be spaced approximately every 300 feet along the piles. If dioxin is found in any areas, additional sampling will take place to develop a further understanding of the nature and extent of the contamination.

Ecological Risk Evaluation Sampling

Bob Fisher discussed additional samples that will be collected to support the ongoing Ecological Risk Evaluation for areas north of the base where dioxin-contaminated sediments will be removed. This sampling will determine if there are other chemicals of concern in these areas. Surface water and groundwater samples will also be collected. These samples will be used to support close-out of the site after the dioxin cleanup is completed.

Site 5 Remedial Investigation Results

Bob Fisher explained the Remedial Investigation (RI) process at Site 5. He presented the preliminary results, as summarized in the attached presentation materials. The RI identified widespread low levels of contaminants including non-Herbicide-Orange dioxins and arsenic. Contaminant concentrations found on Site 5 are not high enough to trigger an interim action (i.e., there is no immediate threat). However, concentrations were high enough to lead to the next step in the process, a Feasibility Study, will assess the action needed, if any, at the site.

Administrative Order/Installation Restoration Program Update

Art Conrad provided the following overview of activities currently underway at NCBC Gulfport:

Remediation of Site 8, the Former Herbicide Orange Storage Area

- A Remedial Design for the cleanup and capping of Site 8 has been developed. According to this plan, contaminated material will be excavated from the ditches both on and off base, mixed with concrete, and placed on the Former Herbicide Orange Storage Area (Site 8) to form a cap over the 13-acre site.
- The funding has been secured from the Air Force and the Navy for the cost of the remedial work.
- A contract has been negotiated with Environmental Chemical Corporation to accomplish the remedial work.
- Field mobilization is scheduled to begin October 21, 2004. The excavation of contaminated material will begin on November 23, 2004.
- An Ecological Risk Assessment has been conducted for the contaminated property north of the base and final comments are being addressed.

Site 10, PCB in Ditches

- Remedial actions were taken at Site 10 in 1999 to remove the source of PCB contamination.
- A Remedial Investigation is complete and a Feasibility Study is underway.

Site 6, Fire-Fighting Training Area

- An enhanced bio-slurper system is still in operation.
- Operation and Maintenance and Site Closure planning have been funded for 2005.

Site 5, Equipment Training Area Landfill, 1972-1976

- A Remedial Investigation of the site has been completed and a draft report is in review.

Site 4, Golf Course Landfill, 1966-1972

A Remedial Investigation has been completed and draft report is in preparation. Gordon added that an interim action was completed at Site 4 when prior investigations found solvents about 40 feet below the surface of the land. This interim action involved placing carbon filters along the bank of Canal One to filter potentially contaminated water before it reached the canal.

Question: If these sites require cleanup, will the money follow?

Answer: Yes, the money will follow; however, the plan for cleanup extends to the year 2014. The Navy is cleaning up the most contaminated sites first. Sites with less contamination will therefore receive funding later in the nationwide cleanup process.

Remedial Action Update

The remedial action for Site 8 is moving forward quickly. ECC is currently setting up setting up trailers that will serve as on-site offices, tying into utilities, setting up decontamination areas for the trucks, and finalizing workplans. Set up will continue for approximately four weeks. They intend to begin excavating contaminated soil on November 23, 2004. At that time, trucks will be traveling down Canal Road and into the base through the Canal Road Gate. Between 3 and 5 pm, when base employees are exiting through the gate, trucks will enter through the Canal Road Gate and exit the base through the Pass Road Gate to avoid congestion. Trucks will enter the base at a rate of approximately one every 20 minutes. Trucks will be decontaminated after they drop their load and before they leave the site.

Question: Will you be dewatering in swampy areas?

Answer: Yes.

Question: Will the material in the trucks be covered?

Answer: Yes. Also, the trucks will be visually inspected before they leave the excavation areas to ensure that no soil leaves the area on the outside of the trucks.

Question: Were aerial photos reviewed prior to selecting off-base sample locations? Many of the drainage ditches have changed over the years.

Answer: Yes, aerials photos and historical maps were carefully reviewed. However, aerial photos were not always helpful because the resolution was not always the best.

January Meeting

The next meeting will be held on Tuesday, January 11, 2005. We agreed that there will be no shortage of appropriate topics for that meeting.

Conclusion

The meeting closed at 8:00.



Gulfport, Mississippi

**Agreed Order and Installation Restoration
(AO/IR) Program Update
NCBC Gulfport
October 2004**

Agreed Order

Remediation of Site 8

- ▶ A Remedial Design for the cleanup and capping of Site 8 has been developed. According to this plan, contaminated material will be excavated from the ditches both on and off base, mixed with concrete, and placed on the Former Herbicide Orange Storage Area (Site 8) to form a cap over the 13-acre site.
- ▶ The funding has been secured from the Air Force and the Navy for the cost of the remedial work.
- ▶ A contract has been negotiated with Environmental Chemical Corporation to accomplish the remedial work.
- ▶ Field work is scheduled to begin October 21, 2004. The excavation of contaminated material will begin on November 23, 2004.
- ▶ An Ecological Risk Assessment has been conducted for the contaminated property north of the base and final comments are being addressed.

Installation Restoration (IR) Program

Site 10

- ▶ Remedial actions were taken at Site 10 in 1999 to remove the source of PCB contamination.
- ▶ A Remedial Investigation is complete and a Feasibility Study is underway.

Site 6

- ▶ An enhanced bio-slurper system is still in operation.
- ▶ Operation and Maintenance and Site Closure planning have been funded for 2005.

Site 5

- ▶ A Remedial Investigation of the site has been completed and a draft report is in review.
- ▶ A Feasibility Study is funded and preparation will begin after RI approval.

Site 4

- ▶ A Remedial Investigation has been completed and a report is in preparation.