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NCBC GULFPORT
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RESTORATION ADVISORY BOARD MEETING MINUTES 11 MAY 2009 NCBC GULFPORT MS

5/11/2009

NCBC GULFPORT

Gulfport, Mississippi

Minutes
CBC Gulfport RAB Meeting
Naval Construction Battalion Center
Gulfport, Mississippi
May 11, 2009

The following members of the Restoration Advisory Board (RAB) met the Charles Walker Community Complex on May 11, 2009:

Gordon Crane
Marie Hansen
Belinda Head
David Marshall
Ron Schmidtling
Cherie Schulz
Philip Shaw

Administrative and technical support for the meeting was provided by:

Mike Hawkins, AFCEE
Yarissa Martinez, Tetra Tech NUS
Jon Overholtzer, CH2M Hill
Nancy Rouse, Tetra Tech Technical Services

Guests:

Chris Lagarde
Helen Lockhard, NAVFAC

Welcome

The meeting started late to accommodate latecomers due to inclement weather. The Community and Navy Co-Chairs were not able to attend because of family affairs. David Marshall, the Alternate Community Co-Chair opened the meeting at 6:50 pm.

Off Base Groundwater Sampling Results

Yarissa Martinez of TtNUS presented the results of the Phase II Groundwater off-base sampling. Groundwater samples collected in this effort were triggered by a single groundwater screening sample that exceeded the Mississippi Department of Environmental Quality (MDEQ) Target Remediation Goals in the first phase of groundwater sampling off-base. In response, the Navy installed 4 permanent wells and collected samples from each well. TCDD (the dioxin associated with the storage of Herbicide Orange on at NCBC Gulfport) was not found in the groundwater samples. All other organic compounds that were analyzed were found at levels lower than MDEQ's goals. Additional investigations will be conducted for soils, sediments and surface water.

This next phase of investigations will include the following:

AOC 2: Additional samples of the Turkey Creek dirt piles will be collected. In addition, mapping and vertical profiling of the AOC will be completed.

AOC 3: Sediment sampling will be expanded and surface water samples will be collected.

AOC 5: Additional sediment samples will be collected from Turkey Creek.

AOC 6: Sediment and surface water sampling from the landfill drainage will be expanded. It was pointed out that AOC 6 drainage is not linked with NCBC Gulfport.

Comment: A community member requested a paper copy of the presentation slides.

Site 1, Disaster Recovery Disposal Area, Remedial Investigation Results

Yarissa Martinez of TtNUS presented the initial findings from the Site 1 Remedial Investigation. Site 5 was operated as a landfill from 1948 until the mid-1960's. During that time, it is estimated that 30,000 tons of solid waste and 130,000 gallons of waste fuels, oils, and solvents were disposed at the site. The Remedial Investigation included a geophysical study; a soil gas study; direct push sampling; soil, surface water, and sediment sampling; and well installation and groundwater sampling. The results presented are summarized in the table below:

Geophysical study	The site boundaries were defined and anomalies were located.
Soil gas survey	No "hot spots" were detected.
Direct push sampling	29 groundwater samples and 10 subsurface soils were collected. No concentrations about the MDEQ TRGs were detected.
Soil samples	Collected 21 surface soil and 3 subsurface soil samples for full suite analysis. Dieldrin, which is a pesticide, was detected in one surface soil sample at concentrations greater than the MDEQ TRG. Arsenic was found in the surface soil at concentrations typically found in the Mississippi Coastal Plain. One subsurface soil sample contained Aroclor 1260, a PCB, at concentrations higher than the MDEQ TRGs. Additional subsurface soil samples were collected along the east ditch in response to this finding. These additional soil samples demonstrated that the PCB contamination was limited to one sample. The ditch has been cleaned by the NCBC.
Surface water and sediment samples	Surface water samples were collected at 5 locations for full suite analysis. All analytes were found at concentrations lower than the MDEQ TRGs. Sediment samples were collected at 5 locations for full suite analysis. Benzo(a)pyrene and iron detected in one sample greater than unrestricted TRG. Arsenic concentrations were found at typical concentrations for Mississippi Coastal Plain
Well installation and groundwater sampling	Groundwater samples were collected from 21 monitoring wells for full suite analysis. Naphthalene detected in one shallow well sample at concentrations greater than the MDEQ TRG. Iron was detected in 5 wells near Catfish Ponds at concentrations greater than the MDEQ TRG.

In summary, the Site 1 Remedial Investigation successfully established the boundaries of the site, potential disposal areas were identified using geophysics, and a limited number of contaminants were detected. In response, a human health and ecological risk assessment are being completed for the site.

Site 5 Remedial Investigation Update

Jon Overholtzer of CH2M Hill presented an update of the activities at Site 5, the Heavy Equipment Training Area, by showing photos of the work in various stages of completion. Mr. Overholtzer described the construction of the embankment and the installation of culverts in Canal 1, the construction of the cover over Site 5, and the construction of the gabion wall (wire cages filled with large rocks) along the drainage ditch. The presentation included photos to illustrate the special care taken to keep the work site safe for residents in the nearby base housing area. The project included installing an extensive gabion wall to stabilize a terrace that was cut along the Base housing area located close to Site 5.

Question: Did you wrap the gabion wall with fabric?

Answer: Yes, the fabric keeps the granular material on the housing side of the wall in place while still allowing the water to flow through it.

Comment: Gordon Crane of NCBC Gulfport stated that CH2M HILL is doing an exceptional job on Site 5.

Installation Restoration Program/Administrative Order Update

Gordon Crane, the acting Navy Co-Chair of the RAB, provided the following overview of all of the environmental restoration projects currently underway at NCBC Gulfport:

Site 1: Disaster Recovery Disposal Area Landfill
- Site 1 is an inactive landfill where a mock disaster recovery training area was located.
- The landfill was used from 1942-1948.
- The Remedial Investigation is nearing completion and report is underway.
- A Feasibility Study has been funded as well as the Proposed Plan, Decision Document and Remedial Design.

Site 2 -- World War II Landfill
- Site 2 is an inactive landfill where general refuse generated at the base was disposed.
- The landfill was used from 1942-1948.
- A Remedial Investigation is now funded and will begin in 2009.

Site 3 -- The Northwest Landfill and Burn Pit
- Site 3 is an inactive landfill that was the primary disposal area from 1948-1968.
- A burn pit on site was used for fire-fighting training from the mid-1950's to 1966.
- The Remedial Investigation fieldwork is completed and a report is in review.
- A Feasibility Study is underway and the Proposed Plan, Decision Document and Remedial Design are funded.

Site 4 – Golf Course Landfill
- Site 4 operated as a landfill from 1966-1972.
- A Remedial Investigation and Feasibility Study have been completed and the reports are in review.
- Proposed Plan, Decision Document and Remedial Design are underway but waiting for RI/FS approval and planned for FY09.

Site 5 – Equipment Training Area Landfill
- The landfill located at Site 5 operated from 1972-1976.
- A Remedial Investigation and Feasibility Study are complete and have final approval.

- The Proposed Plan, Public Comment Period, Decision Document and Remedial Design are complete.
- The remediation work is scheduled to be finished in June 2009.

Site 6 – Fire Fighting Training Area
- Site 6 contained two fire-fighting training pits which operated between 1966 and 1975.
- Long-term monitoring to evaluate the progress of natural attenuation at the site has begun.
- One year of monitoring is complete.
- Additional monitoring will be conducted.

Site 7 – Rubble Disposal Area
- This 3-acre site reportedly received only construction rubble from 1978-1984.
- A Remedial Investigation is now planned for 2011.

Site 8 – The Former Herbicide Orange Storage Area
- Canal Road excavation is complete. Additional cover (wear surface) as necessary is being planned
- Other areas along the Canal/Turkey Creek are under investigation and an additional sampling event is planned for this week.
- Target cleanup goals were reached along Canal Road.

Site 10 – Parade Ground Ditch
- PCBs were found in the ditches of the NCBC Gulfport parade ground.
- Remedial actions were taken in 1999 to remove the source of PCB contamination.
- The Remedial Investigation/Feasibility Study, Proposed Plan, Public Comment Period, and Decision Document are in draft form, and may need to be redone.
- Remedial Actions are contracted but the site remedy is under review.

Comment: The Navy is trying to get the Site 4 Remedial Action started because some unanticipated funding may now be available.

Comment: This is a difficult time of the year to get grass growing at Site 5. Jon Overholtzer from CH2M HILL said that they will be installing a watering system which will operate for about a month to get the grass growing.

Question: What happens if more contamination is found and Site 8 is closed?
Answer: Site 8 will not be closed in the near future. We expect to identify all off base areas of contamination before the site is closed.

Conclusion

The next RAB meeting will be held on Monday, August 10, 2009 in the Charles Walker Community Complex.

The meeting closed at 8:00 pm