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MINUTES FROM SEVENTH TECHNICAL REVIEW COMMITTEE MEETING, NSB KINGS BAY
GA
3/22/1994
NSB KINGS BAY

Minutes of Meeting
Technical Review Committee (TRC)
Old County Landfill, Site No. 11

Meeting No. 7

Location: Facilities and Environmental (FE) Conference Room
SUBASE Kings Bay

Time & Date: 13:00, 22 March 1994

Attendees

Representing

LCDR Mike Patterson (Chairman)	SUBASE FE
Capt Scullion	SUBASE FE
John Garner (Member)	FE 4
Sandy Truett	FE 4
Bob Steller (Member)	SUBASE Public Affairs
Walt Gordon	SWFLANT
Andy Anderson	SWFLANT
David Driggers (Member)	SOUTHNAVFACENCOM
Bud Zehner (Member)	U.S.G.S.
Bruce Khaleghi	GA EPD
Madeleine Kellam	GA EPD
Bill Barker (Member)	GA D.O.T.
Kevin Moseley	GA D.O.T.
John Peterson (Member)	Camden Co., Administrator
Jerry Brandon (Member)	St. Marys, Mayor
Mike Mahaney	St. Marys, City Manager
Frank Cater	ABB-ES
Laura Harris	ABB-ES
Kurt Sichelstiel	ABB-ES

1. The Chairman, LCDR Mike Patterson, introduced attendees, outlined the agenda for the meeting, and read the minutes of the previous TRC meeting. He then discussed the Consent Order executed by the State of Georgia and the SUBASE Commanding Officer, requiring the remediation of Site 11. Copies of the Consent Order were distributed.

2. Laura Harris presented the status of the RCRA Facility Investigations (RFI) of Sites 5, 11 and 16. The GA EPD will likely concur with no further action on Site 12, but has added Site 2, contained within Site 12, to the list of sites requiring an RFI. Ms. Harris distributed a copy of the Response to Comments which address the Notice of Deficiency issued by Georgia EPD for the RFI for the RFI report on Sites 5, 12, and 16. She explained that there is no obvious release from Sites 5 and 16, but our background data may not be adequate. GA EPD is requiring additional information on the sites to determine if further action is needed. Madeleine Kellam pointed out that the best available data is needed to confirm that no further action is needed at these sites. Ms. Harris also stated that ABB-ES intends to define the boundaries of Site 16 better. Surveys and aerial photos are being studied and ground penetration radar may

be a possibility.

3. Walt Gordon of SWFLANT asked for a brief from SUBASE FE on Site 16 in the SWFLANT area. John Garner agreed to coordinate with Andy Anderson and provide data and briefings on Site 16 as needed.

4. Madeleine Kellam pointed out that temporary extensions had been granted on completing the Revised RFI Report for Sites 5 and 16, the Phase II RFI Workplan for Sites 5 and 16, and the RFI Workplan for Site 2. Because the extensions will not be adequate, she agreed to grant an additional extension for a reasonable time to complete these documents. SUBASE will determine the time needed and make a written extension request to GA EPD before the present extended deadline expires.

5. Kurt Sichelstiel described the Phase I Interim Measures underway for Site 11. The extraction well pumps were activated on Friday, March 18, 1994, and ABB-ES is now extracting and treating contaminated groundwater. The air sparger is operating. The bioremediation unit will begin remediation of groundwater when flows stabilize. The treated effluent is going to the SUBASE Upper Base Wastewater Treatment System at this time. We eventually hope to also utilize the St Marys POTW once we receive approval from GA EPD and St Marys. The Pilot Study underway will last 45 days, at which time the data received will be evaluated to determine final remediation parameters.

6. Mike Mahaney asked about cost recovery. Will this be totally superfunded or will local communities be asked to carry some of the financial responsibilities. He asked if Site 11 costs are segregated from the other SUBASE sites. Frank Cater and Dave Driggers confirmed that all costs of the various other sites (5,11,16 etc.) are segregated from Site 11. Dave Driggers responded that DERA funds are currently being utilized. He said that SOUTHNAVFACENCOM is in the process of identifying all parties who used the landfill. Captain Scullion explained that the Navy is required by Congress to determine third party liability. LCDR Patterson advised that the Navy will write a letter to all identified past users of the landfill asking them for information related to their use of the landfill.

7. Frank Cater discussed long term prospects for the remediation program. He said that Phase I will last 8 to 10 months and they would like to use the St. Marys treatment system at some point. A final Corrective Action Plan will subsequently be prepared. The Phase II design will likely reach out into the Crooked River Subdivision. However, installation of actual extraction wells in the subdivision is not now certain. This type of approach will not be easy because of problems with piping a long distance for treatment. Public perceptions due to construction which will disturb infrastructure in the Subdivision may be a problem. ABB intends on finishing the Supplemental RFI Workplan in June. This will propose using test trenches, air monitoring, and more soil

and groundwater monitoring. In response to a question about source characterization, Mr. Cater said that a single source for the contamination may never be found. In fact, there may not be a single source. The best geophysics to locate the test trenches has been used and we will have to wait to see what we find.

8. LCDR Patterson invited everyone to the Public Information Session to be held that evening at the Crooked River Elementary School from 4:00 p.m. until 8:00 p.m. He expressed hope for a big turn-out. The public reaction so far has been good but we are trying to use resident feedback to improve our communication on progress at the site.

9. The formal meeting adjourned and everyone went to Site 11 for an on-site briefing of the pilot remediation underway. Dave Belcher of ABB explained the operation of the rotating biological contacts which would be put in full operation to remediate groundwater within the next few days when flows stabilize. The air sparger was in full operation and Tracy Keel explained how it worked and answered questions.

AGENDA

TECHNICAL REVIEW COMMITTEE MEETING
KINGS BAY SUBMARINE BASE
March 22, 1994

- I. INTRODUCTION - CMDR. Mike Patterson, Chairman
- II. MINUTES OF LAST MEETING - Attached
- III. ABB ENVIRONMENTAL SERVICES PRESENTATION
 1. RFI Workplan Brief - Laura Harris
 2. Phase I Interim Measures Brief - Curt Sichelestiel
- IV. ONSITE PRESENTATION AT SITE 11
 1. Bioremediation Brief - David Belcher
 2. Air Sparger Treatment Brief - Tracey Keel
 3. Questions & Answers - Frank Cater