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NCBC GULFPORT
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MEETING MINUTES REGARDING TECHNOLOGY SELECTION FOR FREE PHASE
PRODUCT ASSESSMENT SITE 6 21 OCTOBER 1993 NCBC GULFPORT MS
11/4/1993
ABB

39501-IRP
21.02.06.0002



4 November 1993

Commanding Officer
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, SC 29418

Attention: Mr. David Criswell

Subject: Meeting Minutes - 21 October 1993
MSDEQ - NCBC Site 6 Free Phase Product Assessment

Dear Mr. Criswell:

Enclosed are the meeting minutes from the 21 October meeting in Jackson, MS between the Gulfport team and MSDEQ. Copies of these minutes have been forwarded to MSDEQ, NCBC, and USGS.

If you have any questions, please call me at (615) 531-1922.

Sincerely,

ABB ENVIRONMENTAL SERVICES, INC.

A handwritten signature in cursive script that reads 'Penny Baxter'.

Penny M. Baxter
Senior Project Manager

attachment

cc: G. Crane/NCBC
J. Hardage/MSDEQ
J. Harsh/USGS
D. Owens/SoDiv

ABB Environmental Services Inc.

Meeting Minutes
21 October 1993
Site 6 Free Phase Product Assessment
NCBC, Gulfport, MS

Attendees:	Kenneth Barnes	SouthDiv	(803) 743-0669
	Gordon Crane	NCBC	(601) 871-2485
	Jim Hardage	MSDEQ	(601) 961-5065
	Jon Huey	MSDEQ	(601) 961-5113
	Phillip Weathersby	MSDEQ	(601) 961-5302
	John Harsh	USGS	(601) 965-5582
	Bill Oakley	USGS	(601) 965-5788
	Penny Baxter	ABB-ES	(615) 531-1922

A meeting was held at the offices of MSDEQ on 21 October 1993 in Jackson, MS to discuss finalization of the Free Phase Product Assessment work plan for NCBC Gulfport Site 6.

The meeting was opened by Ken Barnes. Ken stated the reason for the meeting and described briefly the next steps in the investigation. No formal presentations were made, and the meeting proceeded in an interactive, conversational manner.

Specific issues or questions raised or comments made during the meeting included the following:

- The schedule, as discussed, included executing the Hydropunch II during the week of November 15 if subcontracting can be coordinated. MSDEQ stated that they intend to have more field presence. Mr. Phillip Weathersby will be visiting the site as field activities progress. The Hydropunch II activity will furnish data on the plume thickness and extent through visual observations. The week of the 22nd will be spent evaluating this data. During the following week of the 29th, the USGS and MSDEQ will be apprised of the findings, and decisions on the placement of the monitoring wells will be finalized. Drilling of the wells is scheduled for the week of December 6.
- The topic of Ken Barnes' departure was discussed. Ken stated that ABB-ES will notify the group of any schedule changes or problems encountered. The discussion continued on the subject of how MSDEQ will generally be informed of activities at the Base. Gordon Crane will be the primary contact for MSDEQ in the foreseeable future.
- A discussion developed over the water table and downgradient direction of movement. The USGS has collected two rounds of water levels at the Base. Generally, at the site the water table is 5 feet below land surface. The downgradient direction of groundwater movement has been to the west toward the ditch. According to Gordon Crane, the ditch has been periodically examined for the presence of free product or sheen. To date, none has been discovered. John Harsh stated that the USGS along with ABB-ES will be looking at the relationship between groundwater and the ditch. Currently nothing

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is known of the interaction between the two. Temporary well points will be installed to monitor groundwater near the ditch line.

- In August 1993 a free product fingerprint sample was collected by USGS and run by a laboratory contracted by ABB-ES. The sample contained approximately 60-70% diesel oil with heavier petroleum products. No evidence was found by the laboratory to indicate the presence of volatile organic compounds. A separate dioxin analysis run on the sample indicated that no dioxins existed in the parts per billion range.
- MSDEQ asked if it was possible to have VOCs that are not yet in evidence. Penny Baxter stated that it was possible and that groundwater would be sampled at shallow and deeper intervals after the monitoring wells had been installed. John Hardage stated that at other sites around the state as fuel levels dropped, chlorinated solvents began to appear.
- The question of the presence of DNAPLs was discussed. Nothing is now known about the presence of these compounds but given that solvents were disposed at the site, the possibility exists that DNAPLs will be found near the aquitard clay layer at 30 feet below land surface. MSDEQ asked if it was possible to go deeper with the Hydropunch II and sample for the denser compounds at that level. Penny Baxter stated that it could be done and would check with the project technical lead for placement of two such samples.
- MSDEQ asked when Southern Division expected to receive monies to do the actual remediation of the free product. Ken Barnes stated that he would check on that. MSDEQ also asked when they would be scheduled to provide feedback on the design of the proposed remediation system.
- Community relations were discussed. Gordon Crane stated that the Base was not on the NPL but that the Base community relations personnel is voluntarily producing a fact sheet for distribution.
- The topic of disposal of investigation-derived waste was raised. Gordon Crane stated that they were looking into the possibility of recycling the free product. Ken Barnes stated that the Navy would handle disposal if the Base was not able to. Gordon Crane said that he would talk with Steve Spengler/MS Waste Water on the matter.
- Gordon Crane raised the topic of the MILCON site sampling and dioxin levels found. Penny Baxter gave a thumbnail description of sampled media and locations. Gordon's question revolved around whether the levels found exceeded action levels, whether the warehouse needed to

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be re-sited, and what should now be done with the site. Gordon said he would send a copy of the Technical Memorandum to MSDEQ. MSDEQ stated that the State was not in a position to make a recommendation for the site without groundwater data.

- Following the previous discussion, MSDEQ asked about the activities at Site A. Penny Baxter gave a brief description of the planned field sampling and stated that the current schedule called for installing the monitoring wells in March 1994. A discussion was held about the value of the face-to-face meetings that have been held on Site 6 and the possibility that the schedule could be accelerated on Site A via the same method. Penny stated that Daniel Owens was the EIC for the Site A activities and that he need to be included in further discussions of that site. Jim Hardage said that his group would coordinate with Jerry Banks on this matter.