



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

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BRAC Cleanup Team

Meeting Minutes

April 17 - 18, 2002

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Project Team	Organization	Phone
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Bryan Burkingstock	CH2M Hill	(770) 604-9182 x369
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Virgil Jansen	Jacobs Engineering	(865) 220-4933
Rick Bowlus	USACHPPM	(410) 436-5208
Denise Cooper	Cooper & Associates	(901) 767-1249

Groundwater Flow

Mr. Morrison presented the mathematical approach (3-point problem) for determining groundwater flow in order to determine where any additional wells should be located in order to meet the LTOA Work Plan objectives.

Long-Term Operational Area (LTOA) Update

Mr. Offner and Mr. Burkingstock presented the LTOA sampling data and discussed the data's impact on LTOA Work Plan objectives. The data indicated different groundwater flow from the original flow model upon which the LTOA wells were based, so some of the LTOA wells did not meet the objectives.

The BCT discussed each LTOA well that did not meet the objectives and developed strategies to meet the objectives. Specifically, the BCT discussed SS42/43, Former Drum Storage, SS78, RI34 and NE6/Former Bldg. 720 (SS79). The BCT agreed to use the information obtained by the LTOA initiative to locate the sentry wells in the Remedial Design and to use the sentry wells to fulfill the work plan objectives. Responses to regulator comments on the LTOA Technical Memorandum will address the specific strategies.

PCP DipVat LTOA

The BCT discussed 1985 post-removal data and Main Installation Remedial Investigation data for the PCP dip vat and the possibility of residual PCP in the soil migrating into the groundwater. The BCT visited the PCP dip vat area to determine the need for additional soil samples. The BCT tabled the discussion regarding additional soil samples..

Mr. Offner reported he planned to include in the Main Installation Remedial Design a system of sentry wells to monitor the fluvial and intermediate aquifers in the PCP dip vat area.

Pistol Range Engineering Evaluation/Cost Analysis (EE/CA)

Mr. Offner will begin writing the EE/CA upon confirmation of funding. The BCT agreed on residential lead standards (400 ppm) as the removal action objective. The BCT agreed to review the document during the public comment period. Mr. Offner anticipated completing the Rev. 0 EE/CA within 30 days. Jacobs Engineering will begin developing the work plan upon receipt of the Rev. 0 EE/CA.

BRAC Cleanup Plan (BCP) Status

Ms. Cooper reported that the schedule for distribution of Rev.0 BCP has been delayed in order to use the LTOA and Main Installation baseline sampling data to change Environmental Condition of Property (ECP) categories. The final deliverable date is October 2, 2002, and Ms. Cooper intends to meet that date.

Institutional Controls EPA/DOD Status

Mr. DeBack discussed information he obtained during a Department of Defense training session regarding Land Use Control Implementation Plans (LUCIP). He intends for Mr. Hunt and Mr. Offner to work together on a LUCIP that will be submitted to the regulators and the Army. At this point, EPA policy does not support limited depth transfers, also known as horizontal splits. Mr. Hunt and Mr. Offner plan to begin working on the draft LUCIP beginning in early May 2002.

Groundwater Quality Report/Operations & Maintenance Report

Ms. DuBray reported that she provided the funding request to DDC for installation of additional monitoring wells and abandonment of several monitoring wells. She will continue to coordinate with DDC regarding funding.

Mr. Jansen reported that Jacobs Engineering completed the semi-annual O&M report groundwater sampling and were awaiting the analytical data. He indicated a replacement pump for RW-06 was reinstalled and now fully operational.

VOCs Upgradient of Dunn Field

Mr. Offner provided sampling data to indicate an off-site source upgradient of Dunn Field. Jacobs Engineering has included the upgradient well that has historically shown contamination (PZ02) into the long-term groundwater monitoring plan. Mr. Offner's search of the various environmental databases indicated a small quantity generator located adjacent to PZ02.

The BCT discussed other locations that could be contributing to the contamination plume as well as information that should be included in the off-site contamination technical memorandum Mr. Offner has been working with Army Materiel Command legal staff.

Master Schedule Update

Mr. Offner provided an update of actions that impacted the project schedule. He will incorporate changes into the schedule and distribute to the Depot and Ms. Cooper for use in the BCP. Mr. DeBack tasked the Corps and CH2M Hill to provide documentation supporting schedule changes. Mr. Ballard reiterated the requirement in the Federal Facilities Agreement for a letter from the Depot to EPA requesting schedule extensions with supporting documentation that shows good cause for the extension.

Main Installation (MI) Remedial Design (RD) Work Plan Update

Mr. Offner reported that he distributed the Rev. 1 MI RD Work Plan on April 4, 2002. CH2M Hill has started installing wells for use in the enhanced bioremediation pilot test. The final LTOA Technical Memorandum will be incorporated into the work plan.

Dunn Field Remedial Investigation (RI)/Feasibility Study (FS)/Proposed Plan Update

Mr. Offner reported that he distributed the Rev. 1 Dunn Field RI Report on April 9, 2002. He is working to post responses to Rev. 0 Dunn Field RI comments on the CH2M Hill website. Mr. Offner will distribute the Rev. 0 Dunn Field FS soon.

The 5-year review of the Interim Remedial Action for Groundwater at Dunn Field is due in January 2003. Mr. Offner plans to begin the review process in June 2002.

Adobe Comment-Response Process

The BCT discussed issues with the Adobe comment and response to comment process relating to how the Adobe program functions. Mr. Ballard and Mr. Offner will work together to create a SOP regarding the Adobe comment process.

Main Installation Baseline Sampling Update

Mr. Offner presented preliminary draft groundwater data that incorporated sampling data from the LTOA wells and existing monitoring wells to provide a baseline of groundwater

conditions at the Main Installation. The BCT discussed the findings. The baseline data will be used to gauge the effectiveness of the Main Installation Enhanced Bioremediation Treatability Study. The data will be included in the EBT Technical Memorandum.

Environmental Conditions – Main Installation

The BCT agreed that Mr. Nelson and Ms. Cooper will work together to produce a map overlaying a contour map of the Main Installation baseline sample results onto the Environmental Condition of Property (ECP) map. Ms. Cooper will determine parcels that can change ECP categories. Ms. Cooper will include the map and resulting ECP category changes in the Rev. 0 BRAC Cleanup Plan.

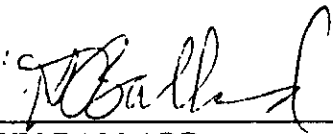


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7/1/02

DATE



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6/20/02

DATE



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6-20-02

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