



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

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FINAL

**Memphis Depot
BRAC Cleanup Team
Meeting Minutes
13 November 2008**

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Previous Meeting Minutes and Action Items

The BRAC Cleanup Team (BCT) approved and signed the minutes from the 9 October 2008 meeting.

Dunn Field

Source Areas Fluvial Soil Vapor Extraction (SVE) System

The Fluvial SVE system continues to operate and to remove contaminants. At this time, e²M does not recommend any changes be made to the Fluvial SVE system. The next quarterly sampling event is scheduled for January 2009. Results from the October 2008 sampling event will be provided in the next Operations Summary.

Interim Remedial Action (IRA)

e²M continues to operate recovery wells (RWs) 1 – 4 and to maintain RWs 5 – 9. e²M completed semiannual groundwater sampling in October 2008 and presented the preliminary results. Total volatile organic compound (VOC) concentrations in groundwater continue to decrease. Results for total VOCs from all but three wells are below 50 parts per billion (ppb).

Groundwater from this area is moving primarily toward the location of and will be treated by the Off-Depot Groundwater Remedial Action (RA). Based on the sample results and upcoming implementation of the Off-Depot Groundwater RA, e²M recommended turning off the remaining recovery wells.

EPA and TDEC requested any recommendation to turn off the remaining recovery wells be included in the Semiannual Monitoring Report scheduled for distribution next month. The report should document that the concentrations leaving Dunn Field will be captured by the Off-Depot Groundwater RA. DLA requested that EPA and TDEC respond to the report recommendation in writing.

Source Areas Loess/Groundwater RA - Thermal SVE

e²M reported that the thermal-enhanced SVE system has removed more than 12,000 pounds of chlorinated volatile organic compounds (CVOCs) as of November 2008. e²M collected soil samples from TA-1C, TA-1E and TA-4 in late October 2008 and installed vapor extraction wells in several of the sample locations.

Based on the sampling results, e²M turned off the heating system in TA-1E, but continued to operate the vapor extraction system. e²M continued operating the heating system in TA-1C and TA-4. Photo ionization detector (PID) readings indicate the vapor extraction system continued to pull CVOCs from TA-1C and TA-4. e²M collected soil samples from TA-1C and TA-4 last week with results expected early next week.

DLA plans to continue thermal operations at TA-1C and TA-4 for one to two more weeks.

Revised Proposed Plan (RPP)/Record of Decision (ROD) Amendment

EPA provided comments on the Rev. 1 ROD Amendment on 22 October. TDEC approved the Rev. 1 ROD Amendment with no comment on 7 November. The team reviewed EPA's comments.

AI: e²M to confirm with TDEC the appropriate groundwater statute reference in response to an EPA comment.

Northeast Off-Depot Plume

TDEC implemented the Expanded Site Investigation of the northeast plume this week starting with the passive gas survey. The passive gas survey devices will be left in the ground for about 14 days. Installation of the monitoring well has not yet begun but is likely to begin within the month. TDEC anticipates receipt of the investigation report in January.

Off-Depot Groundwater Remedial Action Work Plan (RAWP)

AI: EPA to provide comments on the RAWP by 21 November 2008.

Main Installation (MI)

Main Installation Remedial Action

e²M collected long-term monitoring groundwater samples in October 2008, but has not yet received the results. e²M will collect samples from the treatment areas in December 2008.

Main Installation Source Area Investigation

e²M completed the membrane interface probe (MIP) portion of the investigation and will collect the final confirmation soil samples this week. Results from the first rounds of soil samples

indicated relatively low (100 ppb) VOC concentrations. Based on the results, the areas being investigated do not appear to be contributing to the groundwater contamination plumes.

After collecting the final samples, e²M will evaluate all the soil samples and implement groundwater modeling for use in developing recommendations. e²M will evaluate whether additional groundwater treatment is warranted to meet the remedial action objectives (RAOs) in the monitored natural attenuation (MNA) areas. e²M will confirm the criteria for achieving Operating Properly and Successfully at the MNA areas, and will calculate an estimated time to achieve the RAOs in the MNA areas if no further action is recommended.

The groundwater modeling assumes that if groundwater is moving towards the window in the clay, then what effect will contamination levels have on the Memphis sands. e²M will evaluate the soil data based on the Dunn Field RAOs for soil. If the MI sample results indicate levels meet the Dunn Field RAOs, then the groundwater model will assume no continuing source from soil to groundwater.

The investigation results and any recommendations for further action will be provided in the Main Installation Source Area Investigation Report scheduled for submittal to the BCT in January 2009.

BRAC Cleanup Plan (BCP) Version 12

e²M has almost completed the Rev. 0 BCP Version 12. It is on schedule for submittal to the BCT on 1 December 2008. The team reviewed the draft master schedule.

Upcoming BCT Meetings

The next BCT meetings are scheduled for 8 January and 5 February 2009 with the project team meetings the previous afternoons.

Upcoming Community Meetings

A Restoration Advisory Board administrative meeting is scheduled for 8 January 2009 beginning at 6 p.m. at the Ruth Tate Senior Center.

The Off-Depot Groundwater Remedial Design public briefing is scheduled for 5 February 2009 beginning at 6 p.m. at the Ruth Tate Senior Center.




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BRAC Cleanup Team Member

1/8/09
DATE



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