

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE

**9 February 2016
10:30-11:30 AM EDT**

LOCATION: Conference Call

ATTENDEES:

Army, Base Realignment and Closure Division (DAIM-ODB): Carolyn Jones

USACE: Mobile – Laura Roebuck-Mobile

CALIBRE: BEC - Joan Hutton

TDEC Division of Remediation, DDMT Project Manager: Jamie Woods

U.S. Environmental Protection Agency, Region 4, DDMT Project Manager: Diedre Lloyd

HDR EOC: Tom Holmes

GENERAL

No discussion items.

MAIN INSTALLATION

Remedial Action - No current remedial action

Supplemental Remedial Investigation/Focused Feasibility Study

Mr. Holmes stated internal review of the SRI Phase 1 summary report had been completed and revisions were in progress for submittal to USEPA and TDEC. He briefly reviewed the tables and figures provided with the meeting agenda.

The well installation table showed screen lengths of 10 feet for all wells as agreed during finalization of the work plan. The groundwater elevations at the SRI wells were consistent with other Fluvial and Intermediate Aquifer wells at the MI. The well location map showed the SRI wells in red type.

The analytical results summary table showed CVOC concentrations above MCLs at six Fluvial Aquifer wells MWs 263, 265, 267, 269, 270 and 271. Locations of these six wells relative to previously identified plumes on the MI were discussed. CVOCs in MW-270, located on the southern boundary of the MI are not apparently related to an identified plume.

The groundwater elevation map showed a circular depression (sink) in the Fluvial Aquifer groundwater elevations in the south-central MI. Groundwater elevation maps in previous reports have indicated groundwater flow to be off-site to the south in that area of the MI. The additional data from SRI wells in that area and the literature review regarding leakage to the deeper aquifers led to the change shown on the current map. The sink would result from leakage due to thinner and/or more permeable clay layers in that area. The current interpretation of the groundwater elevation data suggests Fluvial Aquifer groundwater flow on to the MI from all sides with flow to the Intermediate Aquifer and Memphis Aquifer through the window in the northwest MI or leakage at the sink in the south-central MI. Phase II SRI wells will be proposed to further evaluate the suspected leakage, as well as additional plume delineation.

Ms. Hutton discussed the next steps for the SRI/FFS. The initial thought was that the SRI would complete plume delineation in a straight-forward manner, but she observed that questions remain

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
9 February 2016
10:30-11:30 AM EDT

after completion of Phase 1 and some new issues, such as CVOC concentrations at MW-270 have been identified. She stated that the Army's goal was to finish the investigation with regulatory concurrence and all media delineated.

Ms. Hutton stated she was looking at ways to improve the process, including upgraded maps to show changes in site usage and data presentations that focus on treatment areas. The EBT and LTM databases will be combined to provide a more complete look at CVOC extent in future reports instead of the current focus on either EBT or LTM. Ms. Hutton stated she would be asking for even greater regulatory engagement. She may also hold off on the FFS until delineation to MCLs is complete and USEPA and TDEC have concurred. Ms. Lloyd stated that was a really good idea.

Ms. Hutton raised the issue of the Allen Well Field data presented in the SRI Phase 1 report, which includes water supply well locations, condition and pumping rates. The information is sensitive and will be removed from documents available to the public in the information repository. Ms. Lloyd requested more information and stated she could not concur without seeing the report. Mr. Woods stated that the data was confidential based on homeland security concerns and that the TDEC water quality program had taken steps to remove the data from material available for public review. Ms. Hutton noted that the information would be included in the reports submitted to USEPA and TDEC for review. After further discussion, Ms. Lloyd stated she understood the concern and agreed that the information should be protected.

Ms. Lloyd proposed an in-person meeting with Ms. Hutton to discuss the SRI findings and plans for additional work. Ms. Hutton agreed and stated other team members could be included via conference call. Ms. Hutton also stated that it may be helpful to have Mr. McRae, USEPA's TechLaw contractor on calls.

DUNN FIELD

Remedial Action - FSVE system shut down in 2012. AS/SVE system operating.

Mr. Holmes stated AS/SVE operations were continuing in down-time mode, compressor manifold closed and one blower operating 12 hours per day. There have been no equipment problems.

LONG TERM MONITORING

LTM continuing with 111 wells on the MI and 85 wells on Dunn Field/Off Depot Area.

Mr. Holmes stated the 2015 annual LTM report was still in preparation.

Mr. Holmes raised the status of MW-257 since Ms. Lloyd was not available for the discussion during the January call. The well is located on the Barnhart Crane property. The well casing has an obstruction probably caused by their heavy equipment. Attempts to clear the obstruction have not been successful and the driller has recommended using small diameter drill rod in another attempt to clear the obstruction; a down-hole camera would then be used to check the well condition. If damaged, the well will need to be abandoned and the need for a replacement well reviewed. Mr. Woods asked about the depth of the obstruction and Mr. Holmes stated it was at 70-80 feet below the top of casing and above the top of the screen. Ms. Lloyd concurred with the plan.

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
9 February 2016
10:30-11:30 AM EDT

OTHER ISSUES

Ms. Hutton noted that the 2016 Site Management Plan was submitted to EPA and TDEC on 5 February and comments are due on 7 March.

Ms. Hutton provided an update on recent community interest. There were 4 to 5 calls to the community information line (CIL) in late December and early January. Some were resolved through a return call and the other callers were sent the form letter with instructions on filing claims through Ft. Campbell. Ms. Hutton noted that Denise Cooper of HDR a former Depot employee had been helpful in handling the contacts. Ms. Hutton stated she had closed the loop with all individuals regarding the option to file a claim and that Ms. Cooper had conveyed information regarding past studies by ATDSR.

Ms. Hutton raised the suggestion from Ms. Lloyd that a public meeting be held. Ms. Jones stated that letters have been provided with all the necessary information and that a public meeting would likely cause more problems than it might resolve. Ms. Jones would be open to change if something new comes up or more people leave messages on the CIL.

Ms. Lloyd stated that Army is the lead agency and that EPA would not have a meeting on its own but that there could be more people with concerns that had not called. She suggested a fact sheet could be prepared to address public concerns. Ms. Jones stated a preference to keep responses low-key and follow an incremental approach with input from Army legal staff. Ms. Lloyd requested to review a fact sheet or other community information prior to review by attorneys.

Ms. Lloyd stated she had not received the EnviroNews newsletter mailed in December. Ms. Hutton and Mr. Holmes confirmed her office and home address had been properly entered in the mailing list. Ms. Hutton agreed to send an electronic copy of the newsletter.

Ms. Roebuck stated that the task order for environmental work at DDMT in 2016 was going fine and that proposal review would be completed by the end of the week. The award should be made in late February or early March.

Mr. Holmes discussed a recent question from a vendor about the DDMT USEPA Site ID and address. (The ID is TN4210020570 and the address is 2163 Airways.) The address is for the former administrative building, which is currently owned and occupied by Barnhart Crane. Ms. Lloyd stated an address was required but that it could be changed. Since there is no federal presence at the facility, a better, alternate address is not currently available. No change is presently suggested.

Ms. Hutton stated the next call would be Tuesday, 8 March at 10:30 ET.