

**SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY**  
**FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE**  
**19 September 2017**  
**10:30-11:15 AM EDT**

**LOCATION:** Conference Call

**ATTENDEES:**

Army, Base Realignment and Closure Division (DAIM-ODB) – Jay Foster (absent)

CALIBRE BEC – Joan Hutton

USACE: Mobile – Laura Roebuck

U.S. EPA, Region 4, DDMT Project Manager – Diedre Lloyd

TDEC Division of Remediation, DDMT Project Manager – Jamie Woods (absent)

HDR EOC – Tom Holmes

Trinity – Todd Calhoun

**GENERAL**

N/A

**MAIN INSTALLATION**

**Supplemental Remedial Investigation (SRI)/Focused Feasibility Study (FFS)**

- Mr. Holmes stated that the Phase 3 Work Plan is in preparation and the well locations are being reviewed. The Work Plan is scheduled to be submitted for internal review at the end of September.
- Mr. Holmes stated that the Risk Assessment Update/Review is in progress and is scheduled to be submitted for internal review by the end of September.
- Mr. Holmes stated that HDR will make contact with the United States Geological Survey (USGS) per information provided by Ms. Hutton from the meeting held with Charlotte Knight Griffin. Mr. Holmes is reviewing a draft of the Conceptual Site Model.
- Mr. Holmes stated the Vapor Intrusion (VI) Survey Work Plan will be submitted in the next couple of days.

**EBT Injection Well Repair**

Mr. Calhoun stated that one of the EBT injection well covers on Barnhart Crane property was run over, and slightly collapsed with damage to the hinge. McCray Drilling was contacted and visited the site on 14 September 2017 to assess the damage. McCray is contacting the manufacturer to see if a replacement lid can be purchased. If a replacement lid can't be purchased McCray thinks that the lid can be removed and straightened out or they will fabricate a new lid. Mr. Calhoun should receive an update on the status this week.

**Mayfield Development**

Ms. Hutton stated that she sent out two spreadsheets on 18 September 2017 that were revised per the team discussions and input from Ms. Lloyd and Mr. Woods during the 29 August 2017 meeting. The spreadsheets list the Army's recommendations for monitoring wells impacted by the new proposed Mayfield redevelopment, providing well details, location, and site management team recommendations. Ms. Hutton sent a spreadsheet to Mayfield stating that the recommendation for the wells under the building footprint is to keep them in place; the spreadsheet sent to the team stated the preferred option to maintain the well locations and a secondary option based on the meeting discussion. Ms. Hutton told Ms. Lloyd that they do not plan to provide Mayfield the internal Army spreadsheet. Ms. Hutton stated that it was made clear to Mayfield that they would need to provide a Sampling and Analysis Plan (SAP), which describes how they plan on treating the existing wells, and final decisions would be based of the SAP.

**DUNN FIELD****Status of AS/SVE Operations**

Mr. Holmes stated that the air sparge (AS) manifold was opened last week and will remain open for a month. HDR and Trinity ADC staff will collect a quarterly sample the 1<sup>st</sup> week of October before the Long-Term Monitoring (LTM) event begins.

Mr. Calhoun stated that there were anomalous volatile organic compounds (VOCs) in the June effluent sample; the effluent was resampled in early August and those results were consistent with prior events. Ms. Lloyd asked what caused the anomalous VOC concentrations. Mr. Holmes responded that he believed lab contaminants were the issue; upon checking, he stated the anomalous VOCs were 2-butanone (MEK), isopropyl alcohol, propene and acetone.

**AS Well Installation Update**

Mr. Calhoun mentioned that after Ms. Hutton's visit, Ms. Griffin is going to revisit the right-of-entry (ROE).

Ms. Hutton stated that Ms. Griffin's primary issues were with the legal part of the agreement in regards to the terms and how it was written. The original agreement was prepared in 2009 with an amendment in 2014 and Ms. Griffin would have preferred that USACE Mobile District prepare the current ROE as an amendment to the 2009 agreement instead of a rewrite of the entire initial agreement. Ms. Hutton also noted that Ms. Griffin prefers to receive the agreement in a word version to allow her to track changes and annotate. Ms. Hutton plans on following up with Ms. Griffin on the status this week.

**Dunn Field Long-Term Outlook**

For information purposes for Ms. Lloyd, Ms. Hutton stated that there are 11 wells installed by TDEC north of Dunn Field that the Army will investigate. Ms. Hutton and Mr. Holmes located several of the wells after the site meeting. Ms. Hutton stated that Ms. Roebuck helped free up contingency funds in the current contract and authorized the additional work last Friday. Ms. Hutton stated an investigation is planned to show clear lines of evidence that the groundwater plume is not the Army's responsibility and was not caused by former activities on the Depot. Ms. Hutton stated that this will be done by first collecting data from the TDEC wells to provide information to develop a scope of work (SOW) for the off-site investigation. HDR is going to gauge and redevelop all of the TDEC wells which are all fluvial, survey the elevations using benchmarks on the DDMT property

and plot them on the map. One well pad is in disrepair, so HDR will replace the well pad. HDR will sample the wells and obtain two rounds of water levels. Once the wells are redeveloped, HDR will collect the first round of water levels and sample the wells. At the end of the LTM event, HDR will collect the second round of water levels to provide a good data set for a potentiometric map.

Mr. Holmes has obtained an Environmental Database Radius (EDR) Map Report for an area search within 2 miles of DDMT in order to identify sites with potential environmental impacts.

Ms. Hutton stated that this work is for internal purposes so a report won't be provided. Field data sheets, laboratory reports, etc. will be gathered to provide information to develop a SOW. The deadline for the requirements of the SOW is 1 November 2017. Work on the MOD to the contract will begin after 1 November so that the contract can be awarded by late January and work can begin the first quarter of 2018.

Mr. Holmes stated that HDR will develop maps that show the water levels and analytical results at the TDEC wells and nearby LTM wells.

Ms. Lloyd asked when the work will begin. Mr. Holmes responded that work will begin on 27 September and continue through 1 October. HDR plans on sampling the wells during the LTM event. The LTM event will begin with a water level survey sweep on 3 October 2017 and continue through 13 October 2017. Ms. Hutton stated the data will be provided to Ms. Lloyd per her request.

## **LONG TERM MONITORING**

### **LTM Status**

Mr. Holmes repeated that the October LTM event is scheduled for 3 October through 13 October 2017. Once the data is received, HDR will begin developing the annual report.

## **OTHER ISSUES**

### **Community Involvement Line (CIL)**

Ms. Hutton stated that a call was received in early August from the granddaughter of a lady living two houses behind the AS/SVE system. She called the CIL and Denise Cooper (HDR) returned her call. The granddaughter wanted to ensure that there was no threat of contamination. Ms. Cooper informed her that the building housed equipment to clean up the groundwater and that contaminated groundwater could not seep up into her grandmother's yard. Ms. Cooper confirmed the grandmother was on the mailing list for the annual environmental newsletter and added the granddaughter to that list per request. Ms. Hutton stated no further action was required.

### **Five-Year Review Status**

Ms. Hutton stated that comments on the draft Five Year Review were received from Army ELD, addressed in track changes and sent for approval. Ms. Hutton will follow up on the status by the end of the week. Mr. Holmes mentioned that in addition to the changes made that SRI updates will be included.

### **Submittal Schedule**

Mr. Holmes stated that the preparation of the 2018 Site Management Plan will begin late September/early October to provide to Mr. Woods and Ms. Lloyd by 1 December 2017. HDR will also begin preparing the newsletter to be sent to the community in December.

Ms. Hutton requested that if Ms. Lloyd has any comments on the 2017 UFP-QAPP to provide them by the end of the week.

**Next Call**

The next call is scheduled for Tuesday, 10 October at 10:30 ET.