

**SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY**  
**FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE**  
**13 JULY 2021**  
**10:30 EDT**

**LOCATION:** Conference Call

**ATTENDEES:**

Army, Base Realignment and Closure Division (DAIM-ODB) – Jay Foster (absent)  
CALIBRE BEC – Joan Hutton  
USACE, Mobile – Melissa Shirley (absent); Bob Beacham, Laura Roebuck,  
TDEC Division of Remediation, DDMT Project Manager – Jamie Woods  
U.S. EPA, Region 4, DDMT Project Manager – Diedre Lloyd (absent)  
HDR EOC – Tom Holmes, Nancy Jepsen  
Koman Government Solutions / Trinity – Larry Pannell

**GENERAL**

**MAIN INSTALLATION (MI)**

**Remedial Action** - No current remedial action

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

Mr. Holmes stated that HDR is waiting for EPA's reply to the comment-responses submitted in February 2021 for the 2020 SRI report. Ms. Hutton had sent an email to Ms. Lloyd indicating that the comment period was about to end. Mr. Holmes added that the contract for that report had ended, so he would like to wrap that up.

Mr. Holmes said the FFS is in progress. Based on discussions with the Army, the FFS will recommend a barrier to limit contaminant migration in groundwater onto the MI. Mr. Woods asked whether the barrier would be a reactive barrier or an air sparge (AS)/soil vapor extraction (SVE) barrier. Mr. Holmes answered that it would be an AS/SVE barrier.

Ms. Hutton added that the plan for the barrier was reviewed by the BRAC attorney who advised that costs for treatment of offsite contamination be tracked. Mr. Woods asked if that implies that the legal team will pursue a potentially responsible party upgradient. Ms. Hutton said that the BRAC attorney copied a claims attorney at Fort Belvoir on the email, but Ms. Hutton said she did not know if that would mean a future cost recovery action. Mr. Holmes added that the team does not believe the offsite plume along the northern boundary of Dunn Field warrants remedial action.

Mr. Woods said that he has other National Priority List (NPL) sites that handle similar situations with Land Use Restrictions, noting that the AS/SVE system would be operating indefinitely if the upgradient source isn't remediated. Mr. Holmes said that

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Army has discussed adding some Vapor Intrusion (VI) mitigation requirements for new construction on the MI and Dunn Field. Mr. Holmes stated criteria for ceasing remedial action at the barriers would be developed.

Mr. Holmes stated the Risk Assessment Sampling and Analysis Plan was submitted for internal review on 2 June. Mr. Holmes said the review is almost complete and the plan should be ready for submittal to the agencies at the end of July.

Mr. Holmes said that further work on the VI study for the MI is on hold during EPA review of the VI Conceptual Site Model, submitted in late December 2020.

Mr. Holmes said that the SVE Pilot Test has completed 3 months of operations. Vacuum and photoionization detector (PID) measurements at the TTA-2 vapor monitoring points (VMPs) and effluent vapor samples for laboratory analysis will be collected this week. Based on the initial samples at start-up, VOC concentrations in effluent and the resulting mass discharge were well below the Shelby County Health Department criteria, so the system has been operating with the dilution valve closed. Mr. Holmes stated that the Pilot Test will end during the Long-Term Monitoring (LTM) event in October.

## **DUNN FIELD**

### **Remedial Action**

#### Status of AS/SVE Operations

Mr. Pannell stated that the AS manifold was open for the first half of June. The manifold is normally closed in June but was kept open due to the downtime in May. Mr. Pannell said the manifold was closed on 15 June, was re-opened on 29 June, and will be closed today. The manifold will be re-opened at the end of July to prepare for collection of PID measurements in early August.

Mr. Pannell said that he visited the site in June and noted a few minor repairs to be made, replacing the air conditioner for the office in the SVE building and fixing the flow gauge at SVE-10. The office temperature needs to be controlled for the system computer. He noted that well SVE-10 is operating, but the gauge is not functional due to water in the line

#### AS/SVE O&M Reporting

Mr. Pannell said that EPA's comments were received for the Year 9 Annual Report in early June 2021. Mr. Pannell stated that responses to those comments will soon be submitted to the agencies.

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**Offsite Investigations**

Offsite Groundwater Investigation (OSI)

Mr. Holmes said HDR will collect water levels and 4th quarter samples this week. HDR will then prepare the final report for the investigation.

MW-87 Area Investigation

Mr. Holmes stated that soil and groundwater samples at the MW-87 area were collected in June. HDR installed a new well (MW-329) upgradient of the groundwater grab sample (GW-10), which contained CVOCs above maximum contaminant levels (MCLs) and target concentrations (TCs). The MW-329 sample was non-detect for volatile organic compounds (VOCs); analytical results for existing wells in the area were similar to past results.

Mr. Holmes said that soil samples identified overlapping areas of petroleum and chlorinated volatile organic compound (CVOC) contamination. The soil boring with the highest soil concentrations wasn't bounded to the east. A soil boring was advanced into the coarse-grained sand this morning. The PID readings were 0 parts per million to boring termination, indicating the area of soil contamination is now bounded; confirmation will need to be provided by the soil sample analyses. Mr. Holmes added that HDR is installing VMPs at three locations, each with a shallow VMP in fine-grained soil at 5 to 6 feet below ground surface (ft bgs) and a deep VMP in the coarse-grained sand at 25 to 30 ft bgs.

**LONG TERM MONITORING**

Mr. Holmes stated that the EPA submitted a second comment letter for the May 2020 LTM report on 24 June 2021.

Mr. Holmes said that agency comments have not been received for the 2020 Annual LTM Report Rev0 submitted 3 May 2021

Mr. Holmes stated that the April 2021 LTM Summary Report is in internal review.

**OTHER ISSUES**

Mr. Holmes said that the 2021 Site Management Plan (February 2021) is waiting for EPA comments or approval.

Mr. Holmes stated that the 2021 Annual Land Use Control Site Inspection will begin this week.

Mr. Holmes said that there were no calls on the Community Information Line during June.

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Ms. Hutton sent the submittal schedule with the agenda for this meeting. She said the schedule was updated 30 June in response to the second set of EPA comments on the May 2020 LTM Summary Report.

**Upcoming Fieldwork**

Contractor	Activity	Dates
KGS/Trinity	AS/SVE Monitoring	3 to 4 August 2021

Prioritized List of Documents for Regulatory Review

Responses to Comments

1. Responses to EPA comments on Offsite Groundwater Investigation Well Installation and Sampling Report (submitted 21 December 2020)
2. Responses to EPA Comments on 2020 Supplemental Remedial Investigation Report, September 2020 (submitted 16 February 2021)
3. Responses to EPA Comments on MW-87 Area Investigation Report-HHRA (submitted 15 June 2021)

Reports

1. Vapor Intrusion Conceptual Site Model (submitted 30 December 2020) (EPA)
2. 2021 Site Management Plan (submitted 22 February 2021) (EPA)
3. Annual Long-Term Monitoring Report – 2020 (submitted 4 May 2021) (EPA and TDEC)

Documents Requiring Army Revision or Responses to Agency Comments

1. Comments from EPA (3 June 2021) on Off Depot Air Sparge/Soil Vapor Extraction System Annual Operations Report, Year Nine, December 2020.

**Next Meeting**

The next call will be Tuesday, 10 August at 10:30 AM EDT and 9:30 AM CDT. The dial-in number will be 800-207-9558, with access code 2049034#.