SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
9 JUNE 2020
10:30 EDT

LOCATION: Conference Call

ATTENDEES:

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

CALIBRE BEC – Joan Hutton

USACE, Mobile –Laura Roebuck; Melissa Shirley; Bob Beacham (absent);

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

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

HDR EOC – Tom Holmes

Trinity – Todd Calhoun

GENERAL

MAIN INSTALLATION

Remedial Action - No current remedial action

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

Phase 4

Mr. Holmes stated that the 2020 SRI Report is in internal review. Mr. Holmes expects to receive comments within the next one to two weeks, after which HDR will prepare Revision 0 for regulatory review.

Risk Assessment

Mr. Holmes said that HDR is continuing to review analytical data for preparation of a Sampling Plan.

Vapor Intrusion (VI) Indoor Air Sampling Study

Mr. Holmes stated that EPA has concurred with the revised summary of February's meeting. HDR is preparing the VI Conceptual Site Model (CSM) draft scope and cost summary for USACE Mobile.

Additional SRI

Mr. Holmes said that the Final Vertical Profiling (VP) memo was submitted to Army and USACE on 11 May. The VP memo will be included in the 2020 SRI Report Revision 0, which will be submitted for review by EPA and TDEC.

Mr. Holmes stated the revised draft Groundwater CSM memo was submitted for internal review 12 May. Ms. Hutton's comments on the memo were resolved on 20 May.

Mr. Holmes said the Soil Vapor Extraction (SVE) pilot test was completed and the blower shutdown on 14 May. Final system monitoring was performed on 12 to 13 May. Analytical results for vapor samples and for groundwater samples from LTM wells in the area were received last week. CVOC concentrations decreased by 90% in the LTM well (DR2-1) closest to the SVE well. HDR is working on the draft report.

Ms. Lloyd asked about why the SVE pilot test was performed and if that is the technology the team is leaning toward. Mr. Holmes answered that SVE worked well on Dunn Field as did AS/SVE in the Off Depot area. Because the MI has similar subsurface conditions and several plumes assumed to have small source areas, the team wanted to see what impact a single SVE well would have. Ms. Lloyd asked if SVE was planned for the other plumes. Mr. Holmes stated SVE is being considered, though he noted that the plume at TTA-2 appears to require more than one SVE well.

Feasibility Study

Mr. Holmes stated that an HDR environmental engineer has begun the feasibility study by reviewing the draft 2020 SRI Report.

DUNN FIELD

Remedial Action

Status of Air Sparge (AS)/SVE Operations

Mr. Calhoun stated that the AS manifold is closed with the blowers being operated alternately on a weekly schedule. The AS manifold will be opened at the end of June. The Year 9 Quarter 4 sampling event is scheduled for the week of 6 July. Also in July, miscellaneous repairs will be performed on the system, including replacement of 90 AS flow regulators.

AS/SVE Reporting

Mr. Calhoun stated that responses to EPA comments on the Year 8 Annual report have been submitted for internal review. Mr. Calhoun said that TDEC's approval of the Year 8 Annual Report was received this morning (9 June).

AS Well Installation Access

Mr. Calhoun stated that Memphis Light, Gas and Water has signed the right-of-entry agreement. Once USACE issues a task order modification, Trinity will update the Work Plan for additional AS wells and schedule the work.

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OFFSITE INVESTIGATION

Offsite Investigation

Mr. Holmes stated that access agreements are in place for 9 of the 10 planned locations. In May, HDR handed-delivered fact sheets in the residential areas where well installation was planned, and the well locations were marked and cleared for utilities. Drilling and well installation began on 1 June and were completed yesterday (8 June);the final three well pads (one on Dunn Field, and two on Cintas property) will be finished this week. All well construction materials have been removed from residential locations. Well development began today, with the new wells to be sampled by the end of next week (19 June). There was no observed soil contamination in the well borings.

MW-87 Area Investigation

Mr. Holmes stated that HDR has submitted a draft data report for the initial results from Phase 1 fieldwork in May. Soil samples from two borings had high concentrations of 1,2,2,2-tertrachloroethane (TeCA) and 1,1,2-trichloroethane (TCA) at 4 to 16 feet below ground surface, but those are not the contaminants found in groundwater at MW-87, which contained trichloroethene (TCE) and chloroform (CF). The grab groundwater sample collected at SB/GW-02, located downgradient of MW-87 near the Dunn Field boundary, had TCE and CF, but at lower concentrations than in MW-87. The upgradient groundwater grab sample (SB/GW-10) had much higher concentrations of TCE and CF but no soil contamination. This indicates that the source of groundwater contamination is upgradient of MW-87. Additional borings will be located in the upgradient area. The additional borings and soil/grab groundwater samples will be completed next week, pending approval of the locations by Army and USACE.

Ms. Hutton asked if the sample location upgradient of MW-87 overlaps a former remediation area. Mr. Holmes answered that four of the additional borings will be placed upgradient of MW-87 up to the edge of the remediation area. Ms. Lloyd asked if she could have a map of the proposed boring locations, just to see the layout. Ms. Hutton agreed to send the map.

Mr. Calhoun added that he has arranged to have brush and small diameter trees east of MW-87 cleared to give the field crew better access.

LONG TERM MONITORING (LTM)

Mr. Holmes stated that TDEC has approved the 2019 LTM Annual Report. The May 2020 LTM sampling event was completed on 22 May, and analytical results are being received.

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OTHER ISSUES

Mr. Holmes stated that there was one call on the Community Information Line in April; it was from a property owner on Glory Circle inquiring about the well installation. From what Mr. Holmes has heard, there were no issues while wells were being installed.

Ms. Hutton updated the submittal schedule on 5 June, and emailed it to team members.

Upcoming Field Work

Contractor	Activity	Dates
HDR	OSI Well Installation-Development-Sampling	6/1-19
HDR	MW-87 Area Phase 2 Sampling	6/15-19
Trinity	AS/SVE Y9Q4 Monitoring-Maintenance-Repairs	7/6-9

Prioritized List of Documents for Regulatory Review

1. 2019 LTM Annual Report (submitted 23 March 2020).
2. Off Depot AS/SVE Year 9 Semiannual Operations Report (submitted 24 April 2020). Review not required.

Documents Requiring Army Revision or Responses to Agency Comments

1. 2020 Site Management Plan, Rev0 (submitted 21 January 2020). Draft responses to EPA comments received 11 May 2020 in preparation.
2. Off Depot AS/SVE Annual Operations Report, Year 8 (submitted 15 November 2019). Draft responses to EPA comments received 14 May 2020 in preparation.
3. Conceptual Site Model Technical Memorandum, Revision 0, March 2018. TM revised per approved responses to USGS comments and responses to EPA comments received June 2018. In internal review.
4. Comments from EPA (March 2019) and TDEC (October 2018) on the 2018 Community Involvement Plan, Revision 0, June 2018. (HDR to provide responses to EPA and TDEC comments)

Next Meeting

The next call will be Tuesday, 14 July at 10:30 AM EDT, 9:30 AM CDT, and 8:30 AM MDT. The dial-in number will be 800-207-9558, with access code 2049034#.