

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

12 May 2020

10:30 EDT

LOCATION: Conference Call

ATTENDEES:

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

CALIBRE BEC – Joan Hutton

USACE, Mobile – Bob Beacham; Laura Roebuck; Melissa Shirley

TDEC Division of Remediation, DDMT Project Manager – Jamie Woods

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

HDR EOC – Tom Holmes

Trinity – Todd Calhoun

GENERAL

To begin the meeting, Mr. Foster thanked the group for their progress and urged everyone to keep staying safe.

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 was submitted for internal review on 22 April. Mr. Holmes expects to submit the report for regulatory review in late May or early June.

Risk Assessment

Mr. Holmes said that HDR is continuing to review the available data to address EPA comments that were not included in the HHERA, Revision 1. The data review will be used to prepare a new sampling plan for soil, sediment and surface water on the MI.

Vapor Intrusion (VI) Indoor Air Sampling Study

Mr. Holmes stated that EPA comments on the draft summary of February's meeting were received on 24 April. HDR sent a revised summary on 4 May. Once the revised summary is approved by EPA, planning will proceed for the VI Conceptual Site Model (CSM) and Comprehensive Sampling Plan.

Additional SRI

Mr. Holmes said that the final Vertical Profiling memo was submitted for internal review on 11 May. Following approval, the memo will be included in the SRI report that will be submitted to EPA and TDEC.

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Mr. Holmes said the revised Groundwater Modeling CSM memo was submitted for internal review on 12 May (this morning). The memo incorporates comments from U.S. Geological Survey (USGS), revised responses to comments from EPA, and recent SRI data. The memo reflects that both modeling and installation of an additional Memphis aquifer (MAQ) monitoring well are on hold at present. The revised memo will bring the CSM for the groundwater model up to date for use if Army decides to proceed with modeling at DDMT.

Ms. Lloyd asked for clarification about the intended modeling. Mr. Holmes stated that originally there had been discussion about installing a MAQ well closer to the Allen Well Field given that Memphis Light, Gas and Water (MLGW) will not release water level and pumping information for the well field. However, upon further review and discussion between Army and USGS, it was decided that a single well would not yield sufficient information about groundwater flow in the MAQ. The modeling is on hold for now until additional data is received or until a path forward is decided.

Soil Vapor Extraction (SVE) Pilot Test

The pilot test is still operating. Mr. Holmes stated that the final monitoring event is underway and should be completed on Wednesday, 13 May. Monitoring will include system readings at the SVE blower, pressure and photoionization detector measurements at VMPs, and vapor samples at selected VMPs and the blower effluent. The blower will then be shut down and HDR will prepare a report on the system operations and the change in concentrations of chlorinated volatile organic compounds (CVOCs) in soil vapor and groundwater. Mr. Holmes expressed hope that the concentrations in groundwater will be reduced, based on the estimated mass of CVOCs removed from the subsurface by SVE.

DUNN FIELD

Remedial Action

Status of Air Sparge (AS)/SVE Operations

Mr. Calhoun stated that the Year 9 Quarter 3 effluent sampling will be finished today. The AS manifold will then be closed for the rest of the month and will be re-opened in early June. The Year 9 Quarter 4 sampling will be collected later in June.

AS/SVE Reporting

Mr. Calhoun stated that the Year 9 Semi-annual operations and monitoring report was submitted on 24 April. EPA comments from the Year 8 Semi-annual reports were incorporated into the Year 9 Semi-annual report; however, Trinity is waiting on EPA comments for the Year 8 Annual report.

AS Well Installation Access

Ms. Hutton has not heard back from Bill Key, the USACE point of contact for BRAC, regarding the final the right-of-entry agreement with MLGW. Mr. Key had said that the agreement will need to be authorized by the director of real estate at USACE headquarters.

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Offsite Investigation

Offsite Investigation Quality Assurance Project Plan (QAPP)

Mr. Holmes stated that the EPA approved HDR's revised responses to comments on the Offsite Investigation QAPP-Sampling Analysis Plan (SAP) on 21 April. The QAPP-SAP Revision 1 was submitted on 5 May.

Mr. Holmes stated that access agreements are in place for nine of the ten planned locations. The tenth location, which is on Wabash Avenue, is a lower priority location, and installation of the nine wells will proceed. Locations will be marked for utility clearance on 14 May, and fact sheets will be hand-delivered on 15 May in the two neighborhoods where wells will be installed. Well installation will begin on 1 June. Installation will take approximately 2 weeks. Groundwater sampling should be completed by the end of June.

Ms. Hutton referenced the field work table that was included in the agenda; an updated table is shown below.

Contractor	Activity	Dates
Trinity	AS/SVE Y9Q3 Monitoring	5/11-12
HDR	MW-87 Area Phase 1 Sampling	5/11-15
HDR	SVE Pilot Test Final Monitoring	5/11-13
HDR	Semiannual LTM	5/13-23
HDR	OSI Well Installation and Sampling	6/1-10, 15-24

Ms. Lloyd asked if additional discussion could be held regarding an alternative location for the tenth well. She would like to see Army collect all necessary data in the investigation area. Ms. Hutton responded that there would be logistical complications to selecting and establishing an alternative location prior to installation of the nine other wells. Mr. Woods said that because this is the lowest priority well, he doesn't see the need to hold up installation of the other wells. Once sample results are available for the nine wells, review will indicate whether an additional well or wells are needed. Mr. Holmes stated that the position of the well is the complicating factor. The well is on the far side of the railroad tracks, and moving further away would not be helpful. So the well needs to be located either on residential property or on Glory Circle. There are existing TDEC wells on the road in that area, and an additional well would not be useful. Mr. Holmes stated that there will be 19 wells, including new wells and TDEC wells that should provide sufficient data.

Ms. Lloyd said that she would re-look at the map and consider this. There was additional discussion about Army's goal for the offsite investigation. Ms. Hutton understood the goal was to provide multiple lines of evidence that the Army was not responsible for the offsite plume coming on to Dunn Field. The offsite investigation is to acquire that additional evidence. Ms. Hutton asked if Ms. Lloyd thought that the offsite investigation was to identify potentially responsible parties for this plume. Ms. Lloyd answered that no, not necessarily, but that Army needed to provide conclusive evidence that Army activities were not the source of the plume.

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MW-87 Area Investigation

Mr. Holmes stated that fieldwork for the MW-87 investigation began on 11 May. Soil samples will be collected from ten soil borings and grab groundwater samples will be collected from two of the borings. Three of the 10 borings were completed on 11 May. All samples should be submitted to the lab this week, with results expected next week.

LONG TERM MONITORING (LTM)

Mr. Holmes stated that the 2019 LTM Annual Report was submitted to EPA and TDEC in March. The May 2020 LTM sampling event will begin this week and will take about 9 days to complete.

OTHER ISSUES

Mr. Holmes stated that there was one call on the Community Information Line in April from a property owner on Glory Circle inquiring about the upcoming well installation. HDR responded to the owner's questions.

Ms. Hutton updated the submittal schedule on 5 May, and emailed it to team members on 8 May. She noted that Ms. Lloyd and Mr. Woods had confirmed that they were working on the priority documents.

To conclude the meeting, Mr. Foster expressed gratitude for how the team has continued to progress despite delays caused by COVID19. Mr. Foster noted that he will be on a call with Bill Key this afternoon and would check with him about the MLGW access agreement. Ms. Lloyd asked if a timeline could be created, outlining the steps ahead leading to the Dunn Field-West conveyance. Mr. Foster agreed that he and Ms. Hutton would put that together.

Prioritized List of Documents for Regulatory Review

1. Responses to EPA comments on VI Scoping Meeting Summary (submitted to EPA 4 May 2020).
2. Responses to EPA Comments on 2019 Annual Site Inspection, Revision 0, August 2019 (submitted to EPA 27 January 2020).
3. 2020 Site Management Plan, Rev0 (submitted 21 January 2020).
4. Off Depot AS/SVE Annual Operations Report, Year 8 (submitted 15 November 2019).
5. General comments on MW-87 Area Investigation Work Plan re: level of detail for use in future work plans (submitted 26 February 2020).
6. Off Depot AS/SVE Year 9 Semiannual Operations Report (submitted 24 April 2020). Review not required.

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Documents Requiring Army Revision or Responses to Agency Comments

1. Conceptual Site Model Technical Memorandum, Revision 0, March 2018. HDR to revise memo per approved responses to USGS comments with final responses to EPA comments received June 2018.
2. 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, 9 June 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#.