

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
10 NOVEMBER 2020
10:30 EST

LOCATION: Conference Call

ATTENDEES:

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

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

HDR EOC – Tom Holmes, Nancy Jepsen

Trinity – Todd Calhoun, Mark Applebee, Larry Pannell

GENERAL

Ms. Hutton began the meeting by welcoming Mr. Pannell to the team. Mr. Foster continued that welcome and thanked Mr. Calhoun for his contributions and technical support to the team, stating that Mr. Calhoun would be missed and that the team would always be in Mr. Calhoun's debt.

Mr. Foster stated that the focus is still on property conveyance. He said he is grateful for the team and the mutual support that the team members give to each other. He welcomed the new members and said it is a pleasure to work with such a tremendous team.

MAIN INSTALLATION

Remedial Action - No current remedial action

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

SRI

Mr. Holmes stated that the Main Installation (MI) SRI Report, Rev 0, was submitted to EPA and TDEC for review in September. The SRI report includes summaries of the additional SRI activities; appendices contain the full reports for Vertical Profiling, the Soil Vapor Extraction (SVE) Pilot Test, and the Conceptual Site Model (CSM) Update.

Risk Assessment

Mr. Holmes said that data review for the risk assessment and additional sampling is complete, but the sampling plan has been delayed due to other activities.

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FS

Mr. Holmes said the FS for the MI groundwater is continuing. Mr. Holmes provided a brief summary of remedial action objectives (RAOs) and recommended areas for remedial action (RA) for internal review in October. A draft report will be submitted for Army review in late November or early December.

Mr. Woods asked if HDR will use a Record of Decision (ROD) or Explanation of Significant Differences (ESD) to change the remedy on the installation. Mr. Holmes answered that the FS would likely lead to a ROD amendment. Mr. Woods said that a ROD amendment requires a public meeting, but there's been discussion about whether an ESD, or an ESD+, requires a public meeting. Ms. Lloyd agreed, adding that the ESD+ can have a comment review period in lieu of a public meeting depending upon the public interest. Mr. Holmes stated a public meeting is in the statement of work, if necessary.

Ms. Hutton took the opportunity to introduce Mr. Woods and Ms. Lloyd, briefly describing their role and office locations for Mr. Pannell.

Vapor Intrusion (VI) Study

Mr. Holmes stated that the VI Study is continuing with the VI CSM being prepared.

DUNN FIELD

Mr. Calhoun thanked Mr. Foster and the team for the kind words, noting that five years passes quickly when a project runs smoothly.

Remedial Action

Status of Air Sparge (AS)/SVE Operations

Mr. Calhoun stated that the Year 10 Quarter 2 effluent sampling is scheduled for the week of 7 December.

Mr. Calhoun said that November is an off month for the AS/SVE system. The AS manifold is closed and only one blower is operated 12 hours per day. The manifold will be re-opened the week after Thanksgiving.

Mr. Calhoun stated that five SVE flow meters will be replaced. These specific meters have routinely retained water or have had other problems that have made them difficult to read.

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AS/SVE O&M Reporting

Mr. Calhoun said that the internal draft of the Year 9 Annual report is being reviewed by the Army.

AS Well Installation

Mr. Calhoun reported that the AS well installation was completed in September. The new wells ran for approximately one week before the October Long-Term Monitoring (LTM) sampling event.

Ms. Lloyd asked if there was any progress in obtaining Memphis Light, Gas and Water (MLGW) well field data. Ms. Hutton replied that it had not yet been decided whether the data would be requested again. The Army had previously requested the well field data for groundwater modeling of contaminant transport in the Memphis Aquifer; it is not clear that modeling will provide useful information or that it is necessary. The FS will include an estimate of the time required to meet RAOs. Mr. Holmes agreed that the FS would result in a timeframe and would not require MLGW data. Remedial action will take place in the Fluvial aquifer for which there is sufficient understanding of groundwater flow and contaminant migration. Ms. Lloyd stated that if MLGW well field data would be of value, she would be willing to assist by contacting the MLGW president.

Offsite Investigations

Mr. Holmes said that the Offsite Well Installation and Sampling Report, Rev 0, was submitted to EPA and TDEC for review on 21 October. In addition, the first quarter samples from the OSI and TDEC wells were collected in October. Mr. Holmes recently received the lab results and HDR will soon submit a brief data report to Army.

Mr. Holmes said that at the end of August, a new well was installed along the western Dunn Field boundary in the MW-87 area. The well is downgradient of MW-06. Sampling results from the new well were slightly above target concentrations from the Dunn Field ROD for 1,1,2,2-tetrachloroethane and 1,1,2-trichloroethane. The results were also just below the maximum contaminant level (MCL) for trichloroethene, and above the MCL for chloroform. The concentrations at the new well were lower than in upgradient wells, except for chloroform. Mr. Holmes is reviewing the analytical results for the MW-87 area and a risk assessment summary for soil, groundwater, and vapor data. Mr. Holmes said that, in general, the risk assessment is showing the primary risk is from groundwater use by offsite residents without treatment. However, MLGW provides water to the area and wells are not allowed in the Fluvial aquifer in the DDMT area. Mr. Holmes stated that a draft report would be sent to Army for review.

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Long Term Monitoring

Mr. Holmes stated responses to EPA comments on the 2019 LTM report have been submitted.

Mr. Holmes said the May 2020 LTM semiannual report was submitted to EPA and TDEC on 26 October. The May data will be included in the 2020 LTM report, which is in progress. The final laboratory analytical reports were received yesterday. The report should be ready for Army review in December, with submittal to EPA and TDEC in January.

OTHER ISSUES

Mr. Holmes noted that EPA comments have been received on the 2020 Annual Land Use Controls Site Inspection.

Mr. Holmes stated that the 2021 Site Management Plan is in progress.

Mr. Holmes said that EnviroNews, the annual community newsletter, is being prepared.

Mr. Holmes stated that there have been no calls on the Community Information Line in the past four weeks.

Mr. Holmes said that HDR close to wrapping up the responses to EPA and TDEC comments on the Community Involvement Plan.

Ms. Hutton stated that she updated the submittal schedule on 6 November and emailed it to the team with the agenda for this meeting.

Ms. Lloyd asked if the additional AS well installation was covered in a decision document. Mr. Holmes responded the AS/SVE system was selected in the Dunn Field ROD amendment. Mr. Calhoun noted the new wells are considered as an optimization of the remedy.

Upcoming Fieldwork

Mr. Holmes said that the only scheduled fieldwork is the Year 10 Quarter 2 effluent sampling by Trinity in December.

Prioritized List of Documents for Regulatory Review

1. 2020 Annual Site Inspection (submitted 17 August 2020) (TDEC)
2. 2020 Supplemental Remedial Investigation Report (submitted 22 September 2020)
3. Offsite Groundwater Investigation Well Installation and Sampling Report (submitted 21 October 2020)

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4. Responses to EPA Comments on 2019 LTM Annual Report (submitted 3 November 2020)
5. UFP-QAPP Off Depot Air Sparge Well Installation Work Plan (submitted 16 October 2020) (optional)
6. May 2020 LTM Summary Report (submitted 26 October 2020) (optional)

Documents Requiring Army Revision or Responses to Agency Comments

1. Comments from EPA (March 2019) and TDEC (October 2018) on the 2018 Community Involvement Plan, Revision 0, June 2018. (In progress)
2. Comments from EPA (3 November 2020) on the 2020 Annual Site Inspection, August 2020

Next Meeting

The next call will be Tuesday, 8 December at 10:30 AM EST and 9:30 AM CST. The dial-in number will be 800-207-9558, with access code 2049034#.