

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
21 November 2017
10:30-11:30 AM EDT

LOCATION: Conference Call

ATTENDEES:

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

CALIBRE BEC – Joan Hutton

USACE: Mobile – 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

Trinity – Todd Calhoun

GENERAL

N/A

MAIN INSTALLATION

Remedial Action - No current remedial action

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

Phases 1 and 2

Mr. Holmes stated that the SRI Phases 1 and 2 report was submitted to Ms. Lloyd and Mr. Woods on 3 November 2017 and the Phase 3 Quality Assurance Project Plan (QAPP) was submitted on 7 November.

Phase 3 Wells

Mr. Holmes stated that the Phase 3 well locations have not changed from the locations discussed on the October monthly call. Well installation is tentatively planned for early 2018.

Risk Assessment Update/Review

Mr. Holmes stated that the Risk Assessment Update/Review was submitted to Ms. Roebuck and Ms. Hutton on 17 November for internal review.

Groundwater Model

Mr. Holmes stated that HDR spoke with the United States Geological Survey (USGS) contact Michael Bradley in October. Mr. Bradley responded via email that USGS has a large regional model for the Mississippi Embayment with a 1 mile grid but the scale is too coarse for the MI model. He also stated that the USGS, University of Memphis and MLGW are conducting a study for Allen Well Field where they are gathering data and will probably do some modeling. Mr. Bradley

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suggested that HDR contact Brian Waldron at the University of Memphis because they would be the primary modeler. HDR hasn't been able to reach Dr. Waldron. Mr. Woods stated that he is working with the same group on another project and will contact them regarding MLGW data.

Mr. Woods stated that he was contacted by EnSafe yesterday on behalf of MLGW requesting all of the groundwater data that TDEC had from 2005 to present. Ms. Hutton asked Mr. Woods if he feels EnSafe's connection with MLGW is legitimate. Mr. Wood's response was yes.

Ms. Lloyd stated that the team consider a hard date with regards to receiving information from MLGW and then send letters to the President and/or commissioners requesting action. Ms. Hutton stated she has started drafting the letter for the AS Wells and can expand the letter to include the groundwater modeling data. Ms. Hutton stated that the current president of MLGW is retiring in December. Mr. Foster stated that the team should reach out to the new president of MLGW and provide time for response; if no response is received, they will plan on sending letters out at the beginning of the New Year to the board members, state commissioner, etc.

Ms. Lloyd stated that EPA can draft a letter stating their concerns and including it in the package. Ms. Hutton stated that they can caveat the request to MLGW that the data will not be published.

Vapor Intrusion Survey

Mr. Holmes stated that the Vapor Intrusion (VI) QAPP was submitted on 23 November and the work is tentatively scheduled to begin in January/February 2018.

Ms. Lloyd stated that she will be submitting comments on the VI Screening Level Memo for consideration.

Mr. Holmes asked Mr. Woods about following up with TDEC's risk assessment team regarding the VI screening levels. Mr. Woods responded that he would review it with a co-worker on the VI risk assessment team after Thanksgiving.

DUNN FIELD

Remedial Action - AS/SVE system operating

Status of AS/SVE operations

Mr. Holmes stated the AS/SVE system is currently operating; the AS manifold was opened on 14 November, third quarter samples will be collected on 6 December and the First Semi-Annual Report is in preparation. Mr. Woods asked if the system was still being operated without the new AS wells near MW-159. Mr. Holmes responded that system operations will continue in order to reduce/prevent contaminant migration. Mr. Woods asked if HDR would scale back operations from the overall grid when the new wells are installed and focus on reducing CVOC concentrations at MW-159. Mr. Holmes stated that a previous reduction in the treatment area as groundwater concentrations were reduced had not been successful. PID readings at some locations increased and

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there were not significant operational savings. Mr. Holmes stated that HDR will adjust operations to tie in the new AS wells with the old ones.

Ms. Hutton requested that Mr. Holmes describe the rebound in CVOC concentrations in groundwater on Dunn Field. Mr. Holmes stated that there is another SVE system (without AS) on Dunn Field that ran from 2007 to 2012 and there were also remedial actions to address contaminant source areas from previous burial and disposal operations. Mr. Holmes stated that the SVE effluent was reduced to less than 1 part per million (ppm) and concentrations in soil confirmation samples were below remediation goals. HDR removed about 16,000 pounds of volatile organic compounds (VOCs). HDR modeling prior to SVE shutdown indicated that maximum rebound of CVOC concentrations in groundwater should occur in 3 to 5 years. Mr. Holmes stated that it has been 5 years and rebound has been mainly observed at one well (MW-87) at the southern end of the Dunn Field treatment area and chloroform (CF) was the main contaminant. In the April 2017 LTM samples, a couple of other wells had increased concentrations of TCE at 7 or 8 µg/L just above the maximum contaminant level (MCL). Mr. Holmes stated that review of LTM results in the area will continue; if concentrations do not increase significantly, further remediation should not be needed. If not, Army will need to consider additional action.

Mr. Holmes stated that when the SVE system was closed per the EPA RPM it was suggested that HDR use well caps that open and close based on atmospheric pressure between the air and soil. The caps (Baroball) are still in place but are not monitored.

Mr. Woods asked if there was an agreed upon number for rebound to trigger further action. Mr. Holmes responded that the ROD Amendment states active treatment is to reduce concentrations below 50 µg/L for individual COCs. Mr. Holmes stated that the AS/SVE system is to operate until all of the groundwater that flows into it is below that concentration. Currently, MW-87 and MW-159 are the only wells that exceed that concentration.

AS Well Installation update

Mr. Calhoun stated that the AS well installation is still in a holding pattern.

Final MIP Survey Report

Mr. Calhoun stated that the Final MIP Survey Report is in process and will be ready the week of 27 November.

TDEC Well Data Memo

Ms. Hutton stated that the TDEC Well Data Collection was an initial step and the results will be used to plan additional off-site investigation. Using existing project funds, HDR collected data from 11 off-site wells installed by TDEC.

Mr. Holmes stated that HDR located the 11 wells and determined that one well (WB-04) is not usable; TDEC will take further action as needed. HDR repaired the well pad and manhole for

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another well (WB-03), redeveloped all of the wells, collected samples and measured water levels in a couple of sweeps. There were CVOC hits at some of the wells; the concentrations were similar to past results from 2005, 2007 and 2008. Mr. Holmes is working on revisions to the memo per comments from Ms. Roebuck and Ms. Hutton. Mr. Holmes stated that a discussion will be held with Ms. Hutton and Ms. Roebuck to determine what additional work may be needed.

Ms. Hutton stated that the focus is to build the lines of evidence so that EPA can categorically say that the offsite plume is not due to Army activity.

LONG TERM MONITORING

2017 Annual LTM Report

Mr. Holmes stated that the report is in preparation and that data validation of the analytical results is near completion.

OTHER ISSUES

Rescheduling December SMT Call

The December Site Management Team call was rescheduled for Wednesday 13 December from 1030 – 1130 EDT. Ms. Hutton will provide a revised invite.

Five Year Review

Mr. Holmes stated that regulatory comments are due by 24 November and the final FYR report is to be signed by EPA and Army on or before 23 January 2018.

Mr. Holmes stated that it was previously discussed that HDR would add additional findings for the Main Installation risk assessment, VI study and groundwater model and for the Dunn Field off-site investigation. Mr. Holmes stated that since preliminary reports for the studies are on-hold (groundwater model) or in review (risk assessment and off-site investigation) it will not be possible to present the findings. Information from the VI Screening Level Assessment with responses to agency comments will be included in the report. Mr. Holmes stated that the supplemental information will not change the protectiveness statement.

Mr. Woods stated that he will provide his comments on the Five Year Review this afternoon.

Community Information Line Update

Ms. Hutton stated that there was a call into the Community Information Line (CIL) on 16 November from Mr. Vince Alfonso, the director of the Memphis Athletic Ministry (MAM). MAM has property off the depot on the south side of Ball Avenue and leases the former DDMT golf course. Mr. Alfonso called the CIL due to a concern that the city would not renew MAM's lease. Ms. Hutton stated that Mr. Alfonso was calling to find out how the property was conveyed and the entities

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involved because MAM has put a lot of money into the property building structures and golf course. Denise Cooper handled the call and no follow up is required. Ms. Hutton stated that the call log is available and will be provided upon request.

Submittal Schedule

Ms. Hutton sent the submittal schedule out on 20 November. Ms. Hutton provided an overview of the submittal schedule and stated that the schedule will be updated monthly.

Next Call

The next call is scheduled for Wednesday, 13 December at 10:30 EDT.