

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
11 September 2018
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 (absent); Bill Woodall

TDEC Division of Remediation, DDMT Project Manager – Jamie Woods

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

HDR EOC – Tom Holmes

Trinity – Todd Calhoun

GENERAL

Ms. Hutton stated that Ms. Roebuck would not be on the call because she is out-of-pocket, and Ms. Lloyd would not be on the call due to illness.

MAIN INSTALLATION

Remedial Action - No Remedial Action

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

The fourth shift for the Phase 3 well installation ended 12 August. All 19 on-site wells identified in the Quality Assurance Project Plan (QAPP) were installed, developed, and sampled. This included 16 Fluvial aquifer (FAQ) wells and three Intermediate aquifer (IAQ) wells. The analytical results have been received and validated; the report is expected to be submitted for internal review at the end of the month.

Mr. Woods asked if there were any surprises. Mr. Holmes replied there were no major surprises, but some interesting data points were noted. One IAQ well in the central area had a low water level, similar to that in some Memphis aquifer (MAQ) wells in the northwest MI. Mr. Holmes stated that a full water level sweep was not done, but the data fit well with the April 2018 contours in most areas. The analytical data indicated that a new FAQ well adjacent to IAQ well MW-107 had a relatively high PCE concentration.

Mr. Holmes stated that access agreements were obtained for three of the five offsite wells. Ms. Hutton stated Kellogg owns property to the north of another proposed location (F-10), off-site from the northeast MI and she provided the contact information to J. R. Barnes with the USACE real estate office; he will send an access agreement for review. Mr. Holmes stated that the location is north of FAQ wells MW-103 and MW-104 in the northeast quadrant of the Main Installation; an upgradient FAQ well, MW-263, on the MI boundary contained CVOCs indicating a potential off-site source. The initial location has recently been fenced and has several vehicles parked there; the Kellogg property has a substation and adjacent open area. The remaining off-site well without an access agreement is located on the Belz property.

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
11 September 2018
10:30 EDT

Mr. Woods stated that the attorney he had been working with has been reassigned. Mr. Woods has another attorney looking at the FFA to see if it might contain language that would aid in getting off-site access.

Risk Assessment Update/Review

Mr. Holmes stated that final comments for the Risk Assessment were received from EPA in August. Draft responses to the comments have been submitted for Army review.

Mr. Woods sent out the *TDEC-DOR Vapor Intrusion Process and Flowchart with Mitigation Risk Criteria and Mitigation Strategies*; Mr. Holmes forwarded that to the risk assessors. Mr. Holmes stated that VI is being conducted under a separate task from the risk assessment, though it will be incorporated into the overall risk assessment. Mr. Woods noted that VI has been the hot button topic for TDEC recently, especially in Nashville.

Groundwater Model

Mr. Holmes stated that comments from Jack Carmichael of the U.S. Geological Survey (USGS) were received on 3 August regarding the Conceptual Site Model (CSM). The comments were extensive and helpful, but responses to the comments are not included in the current SOW and will have to wait for a new task order. Mr. Woods stated he had worked with Mr. Carmichael on other projects and noted that he has a more academic approach in his reviews.

Mr. Holmes stated that recent discussions with Army and Mr. Carmichael regarding the MAQ well and the model had concluded that, without any additional data from Memphis Light, Gas and Water (MLGW), installing one well would not increase the model reliability enough to make it worthwhile.

Mr. Holmes stated that a new USGS paper on the MAQ with updated water levels will soon be published. Also, Mr. Carmichael had suggested he might be able to get information from MLGW through another contact. Mr. Holmes stated that until more information is available, the MAQ well and further groundwater modeling will be on hold. The CSM will be revised and distributed to the project team, and Army will wait for further developments before further activity.

Ms. Hutton will send Mr. Woods a copy of Mr. Carmichael's comments on the CSM.

VI - Soil Gas Sampling

Mr. Holmes stated that EPA had asked, in their comments on the Soil Gas QAPP, that additional support be provided for there being no immediate risk to site workers. In response, the Army contacted property owners and asked if any employees or tenants had expressed concerns. Three of four property owners have responded to say that no concerns have been expressed; the fourth property owner is a new owner and is not expected to have concerns. Based on approval from Army and EPA, HDR will revise the VI QAPP based on the accepted response to EPA comments, and will include the responses from the property owners in the memo for the soil gas results. Because EPA comments did not affect the sample locations, parameters, or analysis, soil gas sampling was performed.

Samples were collected the first half of August at the 10 locations in the QAPP. For two locations the soil was too tight to draw vapor into the canister. Sub-slab samples were drawn (pulling gas from

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
11 September 2018
10:30 EDT

the gravel) at nearby locations. The report should be submitted for internal review by the end of the month.

Mr. Woods asked if there were any triggers for indoor air sampling. Mr. Holmes stated that indoor air sampling would be based on the soil gas sample results; if results are below the screening criteria, indoor air sampling will probably not be recommended. The soil gas report will include any recommendations for further work.

DUNN FIELD

Status of AS/SVE operations

Mr. Calhoun stated that the contract actions for operations in Years 8 and 9 were finalized in late July. The manifold had been closed since the end of Year 7 in May but was opened in early August. PID readings at SVE wells and VMPs were collected late in August. The manifold was closed on 5 September and will be opened again late in September, with the Quarter 1 effluent sampling performed the week of 1 October. [Quarter 1 is August through October; Quarter 2 is November through January.]

Mr. Calhoun stated that there are a few well heads that were blown out of the ground and some air lines are damaged. Mr. Calhoun stated these will be fixed after the sampling is complete the first week of October. There is also minor preventative maintenance scheduled for that week, or perhaps the next, with Kaeser.

Mr. Woods asked if Kaeser had repaired the blower. Mr. Calhoun stated that yes, it was fixed and operational. Both blowers run during operational months, and alternate during off months.

AS/SVE Reports

Mr. Calhoun stated that the Year 7 report (Rev 0) had been submitted to Ms. Hutton, Ms. Roebuck, and Mr. Woodall on 10 September. Mr. Calhoun asked if a copy should be sent to TechLaw. Ms. Hutton stated that yes, typically she does send an electronic copy of Rev 0 documents to Mac McRae, though he does not get a copy of Rev 1 documents. Ms. Hutton expects to review the transmittal letter for the Year 7 Rev 0 report today.

Ms. Hutton stated that, due to difficulties with FedEx at the Arlington building, Mr. Foster would prefer to receive his copies of documents via AMRDEC. Mr. Calhoun asked if Mr. Woods would like to receive his reports at his home instead of his office. Mr. Woods stated that the office was fine for deliveries and that email is good for documents up to 15 MB.

LONG TERM MONITORING

Mr. Holmes stated that the 2017 Annual report and the April 2018 Summary Report are being reviewed by EPA and TDEC.

Mr. Woods stated he might have lost the 2017 Annual report because of a computer crash. Ms. Hutton offered to send him that report via AMRDEC.

SITE MANAGEMENT TEAM MONTHLY CALL SUMMARY
FORMER DEFENSE DEPOT MEMPHIS, TENNESSEE
11 September 2018
10:30 EDT

Mr. Holmes stated that a field event is scheduled for early October. Two HDR employees will be arriving 30 September to set up for the field event and to help with the quarterly AS/SVE sampling. The other staff will arrive 2 October and depart 12 October. The field event will include a full water level sweep and sampling at designated wells. The water level sweep and sampling will include the new SRI Phase 3 wells and provide a complete dataset for the annual report.

OTHER ISSUES

2018 LUC Inspection

Mr. Holmes stated that the annual Land Use Control (LUC) inspection was completed at the end of July. The responses to comments on the internal draft have been accepted; Rev 0 will be provided to Ms. Hutton for submittal this week.

Community Information Line Update

Ms. Hutton was not aware of any calls in July or August.

Submittal Schedule

Ms. Hutton sent the updated submittal schedule on 10 September. Ms. Hutton has alerted Ms. Lloyd regarding what reports are due.

Ms. Hutton asked Mr. Holmes about the EPA and USGS comments on the CSM, in light of the decision about the MAQ well. Mr. Holmes stated that preliminary responses had been sent to Ms. Lloyd prior to the discussion with Mr. Carmichael. Mr. Holmes suggested that Mr. Carmichael's comments be addressed with a tie-in to the preliminary responses, and to seek Ms. Lloyd's advice as to how to proceed.

Ms. Hutton asked that Mr. Woods prioritize the Community Involvement Plan. Ms. Lloyd had sent the plan to her public affairs person and suggested that Mr. Woods might do the same. Mr. Woods will provide a courtesy copy to the TDEC public affairs person; if the public affairs person has comments, Mr. Woods will forward those comments to the project team.

Action Items

- Ms. Hutton will send a copy of Mr. Carmichael's comments to Mr. Woods. - Done
- Ms. Hutton will send the 2017 Annual LTM report to Mr. Woods. - Done

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