

Advocates for VHA Groundwater Plume Resolution Meeting Summary

Date: 10 Sept. 2020

Time: 6:30 PM MDT

Meeting Objectives:

- Discuss Indoor Air Testing results for all structures sampled since 2015
- Discuss results of this summer's fieldwork
- Introduce the Technical Assistance Services for Communities (TASC) team that is contracted to by EPA to assist the site's CAG Members.
- Gather feedback from the CAG for the VA

Location:

Virtual Teams Meeting:

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[+1 443 342-4948](#) United States, Baltimore (Toll)

Conference ID: 862 291 649#

Attendees:

Community: Barbara Jones, Clint Goudie-Nice

VHA: Shannon Smith, Susanne Fairclough, Anthony Jarmusz

Skeo: Hagai Nassau, Claire Marcussen

SLC Gov.: Debbie Lyons

EPA: Ryan Kloberdanz

UDEQ: Scott Lippitt, Dave Allison

Materials Presented:

- Since the Last CAG Meeting (Shannon Smith, Program Manager)
- TASC Presentation (Hagai Nassau and Claire Marcussen)

Meeting Action Items:

- VA to provide a Surface Water Sampling Fact Sheet to CAG Members
- VA to upload CAG Meeting Materials and Meeting minutes to <http://www.pceplume.org/administrative-record>.

Next meeting:

Thursday, December 10th, 2020

6:30 PM -7:30 PM

Location: Virtual

Meeting Summary:

The VA presented a summary of the indoor air sampling effort, the fieldwork completed over the Summer, the June groundwater sampling data and discussed the fieldwork planned for the Fall. The file "*Since Last CAG*" contains the information presented.

The summary of the indoor air effort included a map showing the 61 structures that have been sampled to date at the Site. Out of the 61 structures sampled thus far, only 1 structure has had concentrations of PCE/TCE above the removal actions levels and required treatment. The VA installed a treatment system in the home, and it continues to operate successfully. The VA will continue with the indoor air sampling effort during the winter (Nov 20 - Mar 21) but realize this may not be feasible given the COVID-19 pandemic.

Over the summer, the VA installed 29 additional monitoring wells at the Site for a total of 51 wells. The wells were installed to determine the extent of the groundwater contamination and to evaluate the suspected source of contamination on the VA campus. Of the 51 wells, 31 were sampled in June 2020. Not all the newly installed wells were sampled due to pump issues. The pumps have been fixed and groundwater sample collection at all 51 wells is planned for the end of Sep 2020.

A figure was included in the *Since Last CAG* presentation but was difficult to read so it was also provided separately as file *GW Results Summary Map 10Sep20.pdf*. The figure illustrates the existing wells (black), newly installed wells (blue) and planned/proposed wells (purple) and the results of the June 2020 groundwater sampling event.

A couple of items to note on the figure:

- 1) The green highlighted data are locations where PCE concentrations in groundwater samples were less than 5 µg/L and in some locations not detected at all. The drinking water standard for PCE is 5 µg/L. Of interest is the low-level PCE concentrations found in the newly installed wells on VA campus near the suspected source of the groundwater contamination. Low levels of PCE in this area suggest there is no longer a significant source of PCE adding to the groundwater contamination.
- 2) The yellow and orange lines on the figure are groundwater concentration contours. The yellow line encompasses monitoring wells with concentrations of PCE between 5-50 µg/L (yellow highlighted data) and the orange line represents wells with concentrations greater than 50 µg/L (orange highlighted data). The contours are drawn so the extent of the groundwater contamination can be more easily visualized. There are segments of the contour lines that are dashed. These segments are inferred until additional data is collected and the segments can be drawn with more certainty (solid line).

The upcoming fieldwork this Fall includes collecting groundwater samples from all monitoring wells from 21 Sep through 3 Oct 2020. VA will also begin installing additional wells (purple wells on figure) in November. The drilling effort should take about 6 weeks to complete. Not all wells in purple may be installed. VA will determine if they are needed when the September groundwater sampling of all wells is completed. If the nearby wells indicate low-level PCE concentrations, then the wells in purple may not be needed.

The final presentation of the meeting was given by Mr. Hagai Nassau and Ms. Claire Marcussen with Skeo. Skeo was awarded the Technical Assistance Services for Communities (TASC) contract through EPA. They provided an overview of the type of assistance they can provide to the CAG. All CAG Members should have received an email with the presentation and information on how to request their services.