SPRING VALLEY FUDS
MONTHLY PROJECT SUMMARY FOR
MARCH 2014

This monthly Spring Valley Formerly Used Defense Site (FUDS) project summary is provided by the U.S. Army Corps of Engineers (USACE), Baltimore District, as part of its ongoing efforts to make information regarding the neighborhood investigation more accessible to community members, elected officials, Restoration Advisory Board members, and other interested stakeholders. Specifically, the monthly update is produced to provide those who follow the project with a current snapshot of regulatory partnering, planning and field activities, and is not designed to provide historical information or an overview of the project. Those individuals interested in broader project information, or who have follow-up questions regarding this update, are invited to contact our Community Outreach Team at 410-962-0157. You may also contact our project regulatory partners, James Sweeney (DDOE) at 202-535-2289 or Steven Hirsh (US EPA) at 215-814-3352.

4825 Glenbrook Road NW

- We received the final report from the Materiel Assessment Review Board (MARB) in reference to the 75mm shrapnel round found January 13. A review of the x-rays determined the item contains a 100% solid fill, but there are no explosives. Further analysis indicated that the item contains a possible magnesium arsenide fill, which is not chemical warfare materiel. However, it is considered a hazardous chemical and will be disposed of properly. All of our engineering controls are designed to handle this type of chemical.
- This month, the crews were hand excavating in an area adjacent to the former front porch, where the 2010 intrusive work stopped after USACE encountered a small amount of arsenic trichloride.
- During this month's excavation, crews safely recovered the following items: 22 glass containers, 1 metal open ended tube, 1 heat sealed test tube, and 1 copper vessel for a total of 25 intact containers, four 75mm munitions debris items, and over 300 pounds of broken American University Experiment Station (AUES)-related glassware. Crews will continue hand excavating in the same area over the next several weeks. We anticipate recovering AUES debris for the next month or more. Progress at the site will continue to be slow, but steady, due to the ongoing hand excavation work.
- Crews are removing and stockpiling soils from the remaining excavation area. They continued to fill roll-off containers with soil and collected composite samples for further analysis prior to disposal. To date, 45 roll-offs of soil, 10 roll-offs of rubble, and 162 barrels of soil have been excavated.
- A small amount of mustard breakdown products and a trace amount of lewisite were detected in the soils recovered adjacent to the intact containers and broken AUES glassware. Off-site lab analysis of the composite samples collected from the drummed soils indicated the presence of the contaminants. This soil will be sent to an incinerator for final disposal.
- Near the end of the month, readings on the MINIICAMS (near real time continuous air monitoring system) at the pre-filter (inlet to the Chemical Agent Filtration System, or CAFS) indicated possible small amounts of lewisite. The DAAMS tube (Depot Area Air Monitoring System), which is located at the same sampling port as the pre-filter of the MINICAMS, was taken out and analyzed for lewisite for confirmation purposes. It was determined that lewisite was not present on the tube. The Edgewood Chemical Biological Command tested all of the equipment and found that everything is functional. We are continuing to monitor this situation. There was no risk to the public due to these readings. All of our engineering controls are working as designed, with multiple layers of protection.
- Safety continues to be our number one priority at the site. Throughout every phase of the project, all necessary precautions are taken to ensure the safety of the site workers, the residents of the community, and those passing by.
- To learn more about the high probability work please watch this interactive video: http://youtu.be/yVws5UnBuZw.

Groundwater Study

- In March, USACE, per consensus agreement with US EPA and the District Department of the Environment, successfully completed quarterly sampling at two locations: five monitoring points (PZ-4 S&D, 44, and 45 S&D) near Kreeger Hall on the AU campus, and at the Sibley Hospital sump. Final sampling results will be available in a couple of months.
- As part of the ongoing groundwater monitoring program, planning continued for the installation of two additional deep wells. One well will be placed on Sibley Hospital property and another in public space on Rockwood Parkway. The existing deep wells in public space are on Rockwood Parkway (1) and on Glenbrook Road (2).

Website Information

- The digital archive of the Spring Valley project documents can be found at: http://springvalley.ertcorp.com/.
  This new site is public and does not require a user name and password to access to these selected archived project documents.
- For more information on Spring Valley projects, and to view site pictures and videos, visit our project website at: www.nab.usace.army.mil/Home/SpringValley. Note: New pictures and updates are posted weekly on the 4825 Glenbrook Road page of the website.

Restoration Advisory Board (RAB)

- The next RAB meeting will be on Tuesday, May 13 at 7 pm. Currently, the RAB meets every other month for about 60-90 minutes.
- The RAB currently meets in the 'Undercroft' meeting room at St. David's Episcopal Church, 5150 Macomb Street NW, Washington, D.C. These meetings are open to the public.