



SPRING VALLEY FORMERLY USED DEFENSE SITE PROJECT
RAB Meeting

July 9, 2019
7:00 – 8:30 p.m.

UNDERCROFT MEETING ROOM
ST. DAVID'S EPISCOPAL CHURCH
5150 MACOMB ST. NW, WASHINGTON, DC

Agenda

- 7:00 p.m. I. Administrative Items**
Co-Chair Updates
 ▪ Introductions, Announcements
Task Group Updates
 ▪ TAPP Contractor
- 7:15 p.m. II. USACE Program Updates**
Groundwater Study
Site-Wide Remedial Action
Glenbrook Road
- 8:05 p.m. III. Community Items**
- 8:10 p.m. IV. Open Discussion & Future RAB Agenda Development**
Upcoming Meeting Topics:
 ▪ (Suggestions?)

 *Next meeting: September 10, 2019
- 8:20 p.m. V. Public Comments**
- 8:30 p.m. VI. Adjourn**

**Note: The RAB meets every odd month.*

SPRING VALLEY FORMERLY USED DEFENSE SITE

Restoration Advisory Board Meeting 9 July 2019

“The USACE Mission in Spring Valley is to identify, investigate and remove or remediate threats to human health, safety or to the environment resulting from past Department of Defense activities in the area.”

“The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



AGENDA REVIEW

Co-Chair Updates

- Introduction, Announcements

Task Group Updates

- TAPP Contractor

USACE Updates

- Groundwater Study
- Site-Wide Remedial Action
- Glenbrook Road

Community Items

Open Discussion & Future RAB Agenda Development

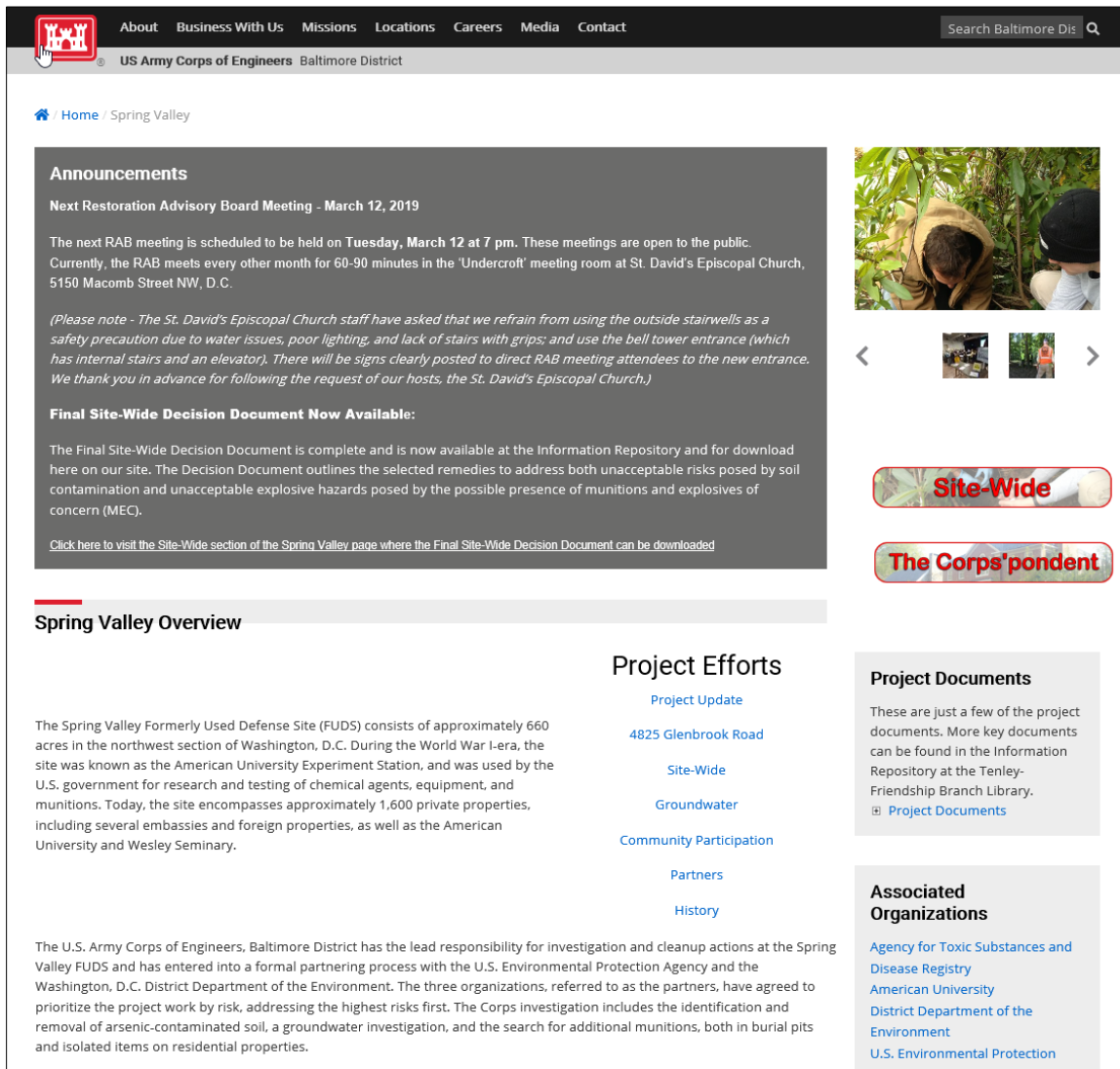
Public Comments



CO-CHAIR UPDATES

Introductions





The screenshot shows the US Army Corps of Engineers website for the Spring Valley site. The header includes navigation links (About, Business With Us, Missions, Locations, Careers, Media, Contact) and a search bar. The main content area features an "Announcements" section with a meeting notice for March 12, 2019, and a link to the "Final Site-Wide Decision Document". Below this is a "Spring Valley Overview" section. To the right, there are sections for "Project Efforts" (with links for Project Update, 4825 Glenbrook Road, Site-Wide, Groundwater, Community Participation, Partners, and History) and "Project Documents" (with a link to Project Documents). At the bottom right, there is an "Associated Organizations" section listing the Agency for Toxic Substances and Disease Registry, American University, District Department of the Environment, and U.S. Environmental Protection Agency. A large image of people working in a field is also visible.

Announcements

Website Updates:

- June Monthly Site-Wide Project Update
- Weekly 4825 Glenbrook Rd Project Updates with photos
- April Partners meeting minutes
- August Partners meeting date: August 13th



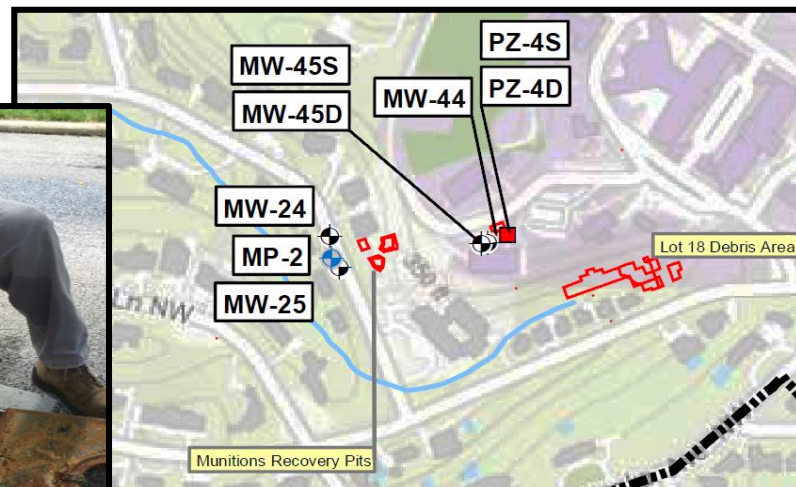
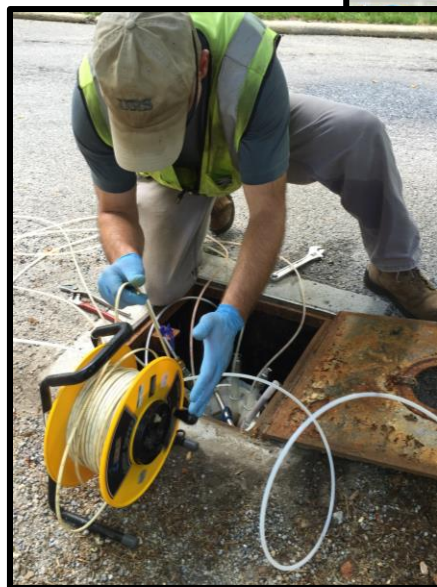
TASK GROUP UPDATES

- New TAPP Contractor



GROUNDWATER STUDY

USACE Updates



As a reminder, the Dispute Resolution was paused at Tier 2 while the Army Corps and their Partners discussed conducting additional groundwater data collection. The Army Corps is moving forward with a new round of groundwater sampling in order to obtain more current information that will allow us to evaluate if there are any significant changes in groundwater concentrations since the last sampling event (4 years ago). After this sampling is completed, the Partners will meet to discuss the results and to determine the requirements for any future groundwater sampling.

The Army Corps is working on the field sampling plan. The Partners reviewed the draft plan. The team is working to address their comments.



US Army Corps of Engineers.

GROUNDWATER STUDY

The screenshot shows the EPA website interface. At the top left is the EPA logo with the text 'United States Environmental Protection Agency'. Below the logo are navigation tabs for 'Environmental Topics', 'Laws & Regulations', and 'About EPA'. A search bar contains the text 'Search EPA.gov'. Below the navigation is a 'Related Topics' section with a link to 'Drinking Water Contaminants – Standards and Regulations'. To the right of this link are social media icons for Facebook, Twitter, Pinterest, and Email, along with a 'CONTACT US' link. The main heading is 'Perchlorate in Drinking Water Proposed Rule'. A 'NEW' badge is next to the first paragraph, which states that the EPA is publishing a notice of proposed rulemaking in the Federal Register regarding the regulation of perchlorate in public drinking water systems. To the right of the text is a 3D ball-and-stick model of a perchlorate molecule (ClO₄), showing a central green chlorine atom bonded to four red oxygen atoms. Below the main text is a list of three alternative regulatory options. Further down, there is a paragraph about the agency's interest in perchlorate monitoring and reporting requirements. At the bottom, there is a paragraph about perchlorate's common uses and a link to the public comment page.

The EPA recently proposed a **Maximum Contaminant Level (MCL)** and a health-based **Maximum Contaminant Level Goal (MCLG)** for perchlorate.

EPA is accepting public comments on this proposal before Aug 26, 2019 11:59 PM ET. (Proposed on 06/26/2019).

<https://www.epa.gov/dwstandardsregulations/perchlorate-drinking-water>



SITE-WIDE REMEDIAL ACTION (RA)

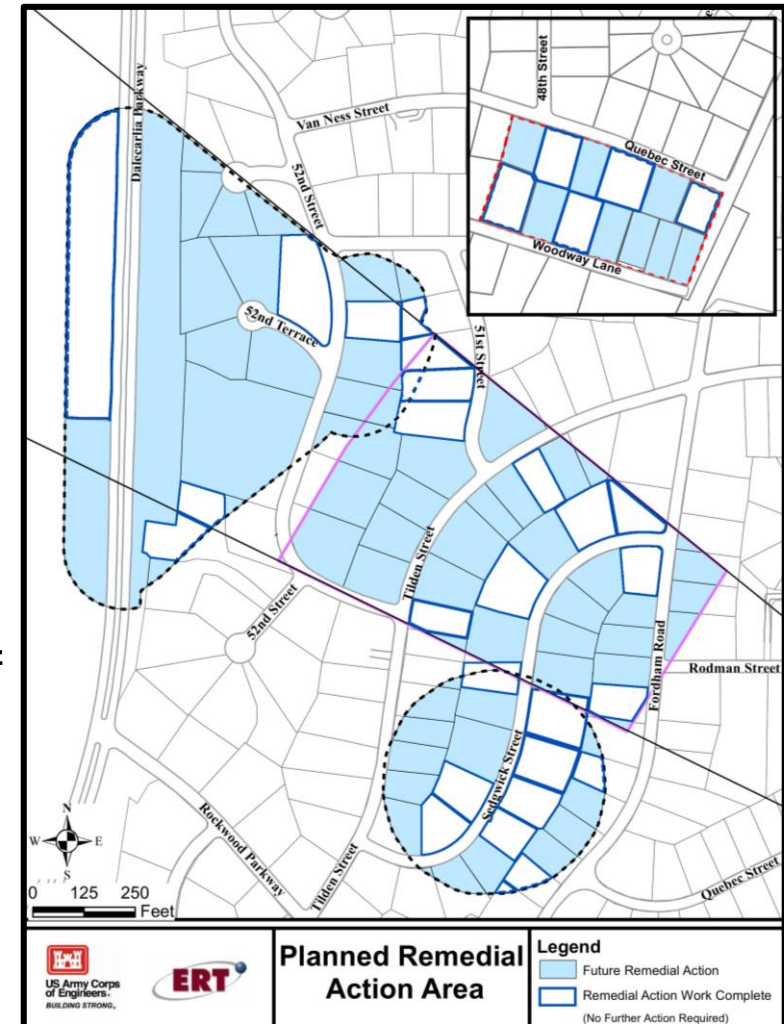
USACE Updates



SITE-WIDE REMEDIAL ACTION

Final survey effort at 92 residential properties and 13 Federal/City Lots:

- Working with 67 residential properties.
- 51 civil surveys and 48 arborist surveys have been completed.
- Geophysical clearing walkthroughs completed at 39 properties.
- Vegetation removed from 27 private properties and 9 City/Fed lots.
- Geophysical surveys completed at 26 private properties and 4 City/Fed lots off Dalecarlia Parkway.
- Initial anomaly removal at 26 private properties and 4 City/Fed lots off Dalecarlia Parkway.
- Awaiting Regulatory Partner approval to issue assurance letters.



SITE-WIDE REMEDIAL ACTION

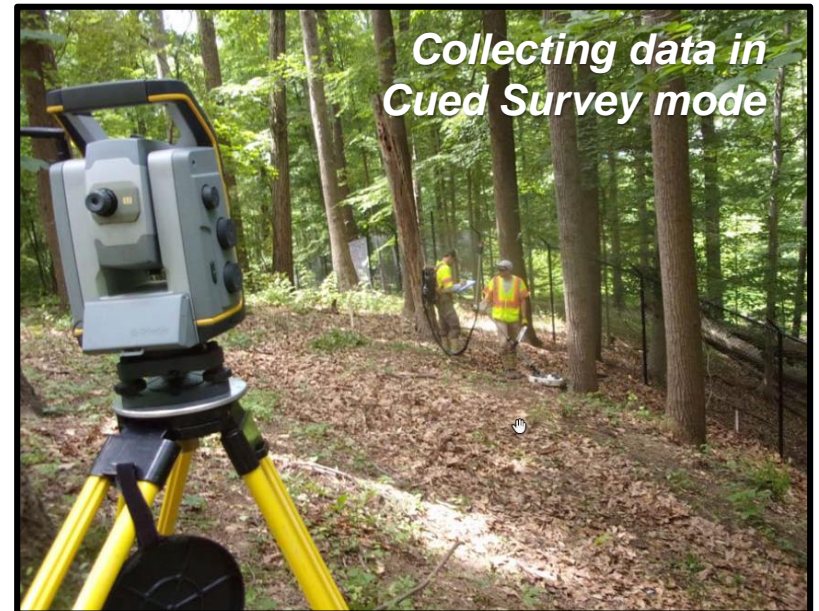
Dalecarlia Pkwy veg removal and surveying



Removing vegetation, like bamboo and fallen trees



Collecting data in Dynamic Survey mode



Collecting data in Cued Survey mode

SITE-WIDE REMEDIAL ACTION

Geophysicists conducting surveys



Collecting data with the G-858



Collecting data in Dynamic Survey mode



Collecting data in Cued Survey mode

SITE-WIDE REMEDIAL ACTION

Anomaly Excavations Completed at Twelve More Private Properties in June



The team reacquires each dig location before the dig team carefully excavates each target. The team ensures the metal anomaly is removed before they fill the hole with the soil.



The **pink** flags represent single point anomalies. **White** flags represent areas where single anomalies couldn't be detected and therefore designated for 'mag and dig' investigations. Flags are removed after the dig data is reviewed and verified.



**US Army Corps
of Engineers.**

SITE-WIDE REMEDIAL ACTION

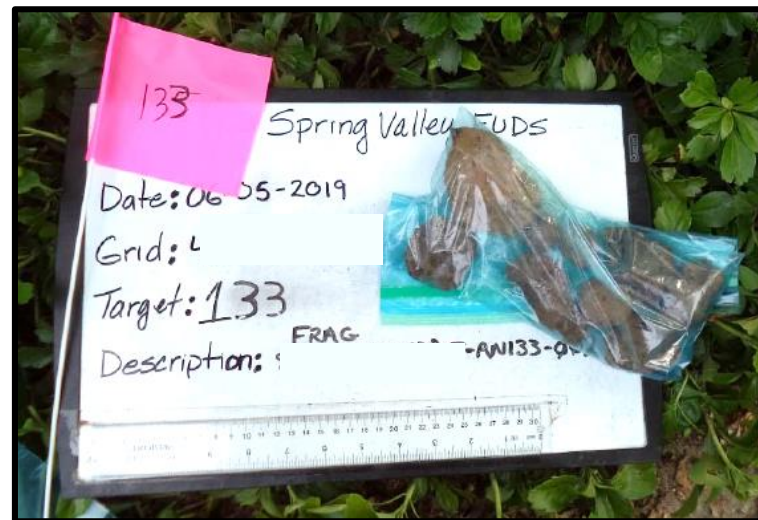
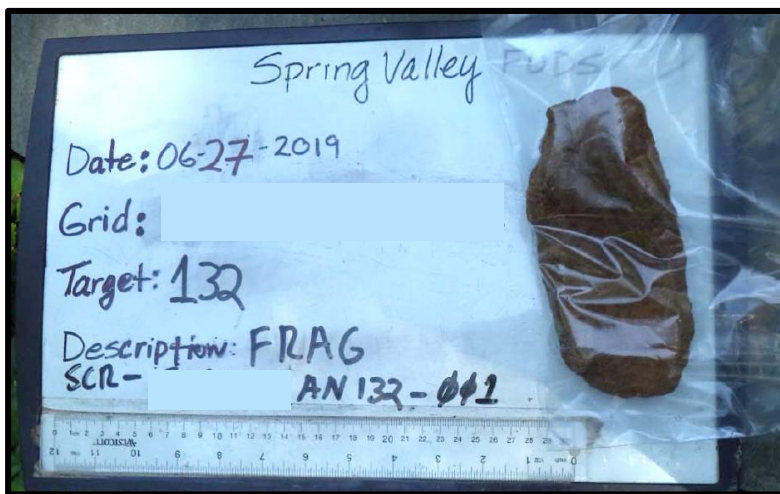
Anomaly Excavations Finds



**Recovered
Non-munition
related debris;
scrap metal**



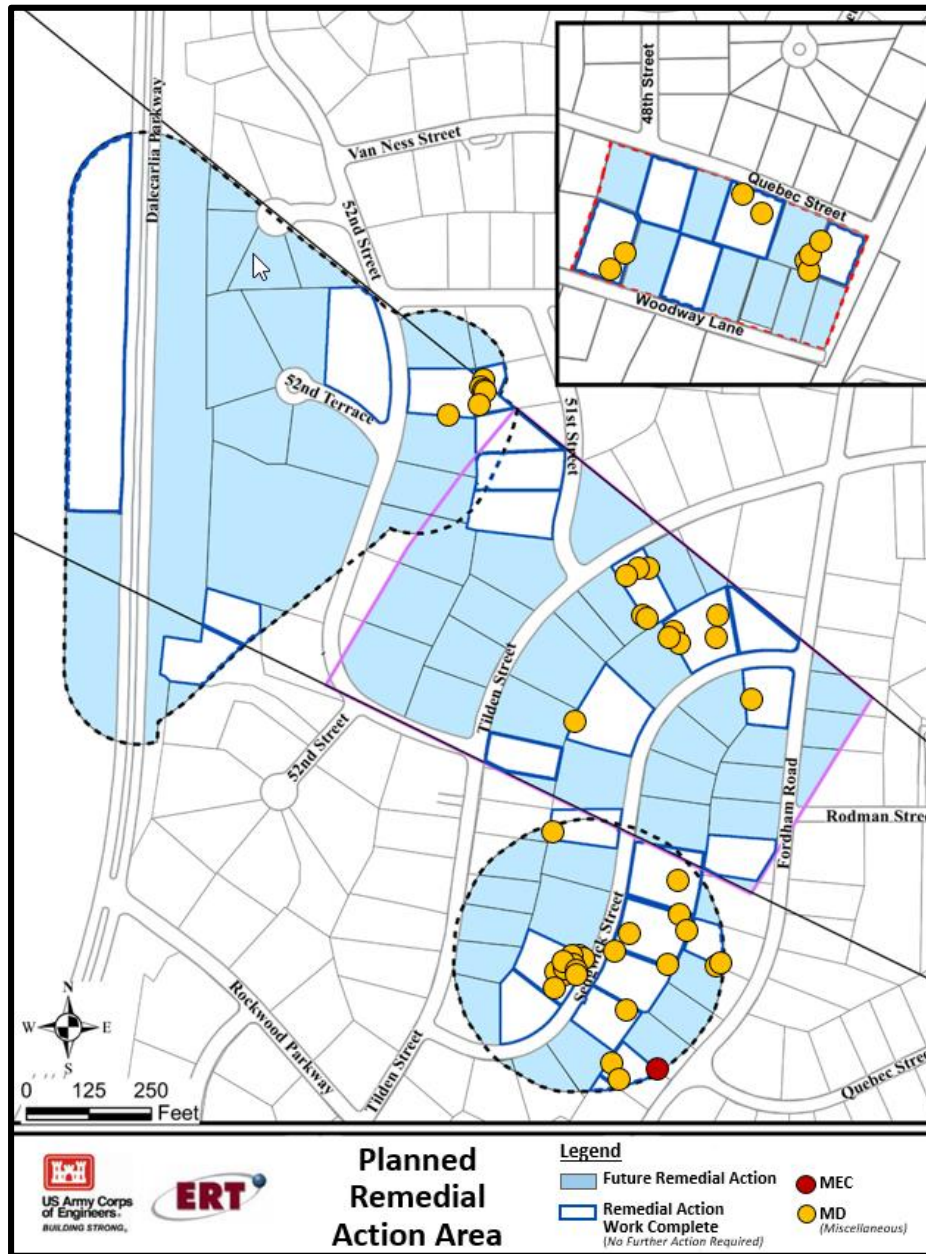
The team also recovered non-hazardous unidentifiable munition debris (fragments). These items were double bagged and headspaced for mustard and lewisite. To date, all munition debris has cleared headspace analysis.



SITE-WIDE REMEDIAL ACTION

Anomaly Excavations Finds

Munition debris findings to date.



SITE-WIDE REMEDIAL ACTION

Hardscape Digs & Restoration



Dig team remove a piece of munitions debris from underneath this walkway (left photo). Walkway was restored the next day (photo above).

Some anomalies are detected underneath hardscape which are not reinforced with metal.

If these anomalies are chosen for intrusive investigation, the team carefully removes the existing hardscape in those locations.

Once the dig team recovers the anomaly, a professional hardscape company completes the restoration.

Several anomalies underneath hardscape areas within DC public space will be removed once the team receives DC permits for this work. The homeowners and neighboring properties were informed of this upcoming work.



In order to avoid trip hazards, holes are temporarily patched until final restoration is complete.



US Army Corps
of Engineers.

Homeowner Post-Remedial Action Options



Anomaly dig completed

Original Survey		
Easting Coord.	Size (nT)	Size (
463253.0	195/-752	3280/204
463246.0	669/-747	689/52
463247.3	240/-1093	628/49.
463284.6	-5000.00	120.
463289.1	150.00	300.

Verified data Results reviewed by Corps for approval *

(*This step may take a few weeks)



Stakeholders * walk site to note all restoration needs

(*Attending this meeting: Weston, USACE, Outreach, Landscaper & Homeowner)

FINALIZE PLAN

Approved by USACE & Homeowner *

(Landscaper (Fine Earth) will send Weston an itemized quote for all additional restoration costs)

REIMBURSEMENT

RESTORATION

Homeowner Post-Remedial Action Options: RESTORATION

<i>Plant Name</i>
Maple ¹
Holly
Azalea
Osmanthus

The revised landscape plan will be **approved by USACE** within a few weeks of the final site walk meeting.



Weston and the Outreach team will work with Fine Earth and the homeowner to **schedule the restoration work** at the property.



Restoration of landscaping is in lieu of reimbursement.

Homeowner Post-Remedial Action Options: REIMBURSEMENT

Homeowner signs reimbursement request letter and returns it to the Outreach Team.

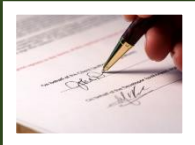


Outreach **sends reimbursement request package to the USACE Real Estate Division (RE) office**, which includes:

- a) reimbursement request letter,
- b) final landscape plan,
- c) fence reimbursement appraisal (if applicable),
- d) signed right-of-entry (ROE)
- e) approval letter from USACE project manager

DEPARTMENT OF THE ARMY
RIGHT-OF-ENTRY

RE will produce a **release-of-claims package** for the homeowner to sign **~1-2 week(s)**.



- Timing this step takes is dependent on the mail system and time for the homeowner to review and sign.
- By signing, the homeowner agrees to the compensation and thereby releases the government from any additional claims under that signed ROE.
- The homeowner includes SSN in order for USACE and IRS processing systems to produce the reimbursement.
- The gov. is required to confirm the identity of each homeowner and check for any outstanding federal debt in accordance with the Treasury Offset Program.

USACE will work to **transfer the appropriate amount of funds to the Real Estate Division (RE)**.

**OVERNIGHT
DELIVERY**

- The **RE Division will process the claim and request a check** from the USACE Financial Center in Millington, TN.
- **Timing of this step takes is dependent upon the schedule** at the USACE Financial Center. (Conservatively, about 2-4 weeks to complete their review and approve.
- The **check will be overnighted from Millington to USACE Baltimore**, where it will be processed and overnighted to the beneficiary.

SITE-WIDE REMEDIAL ACTION

Munition Education and Awareness

The **LUCIP** entails continuing the 3Rs of the Explosive Safety Education Program (*Recognize, Retreat, Report*), and 5-year reviews to ensure that human health and the environment continue to be protected.

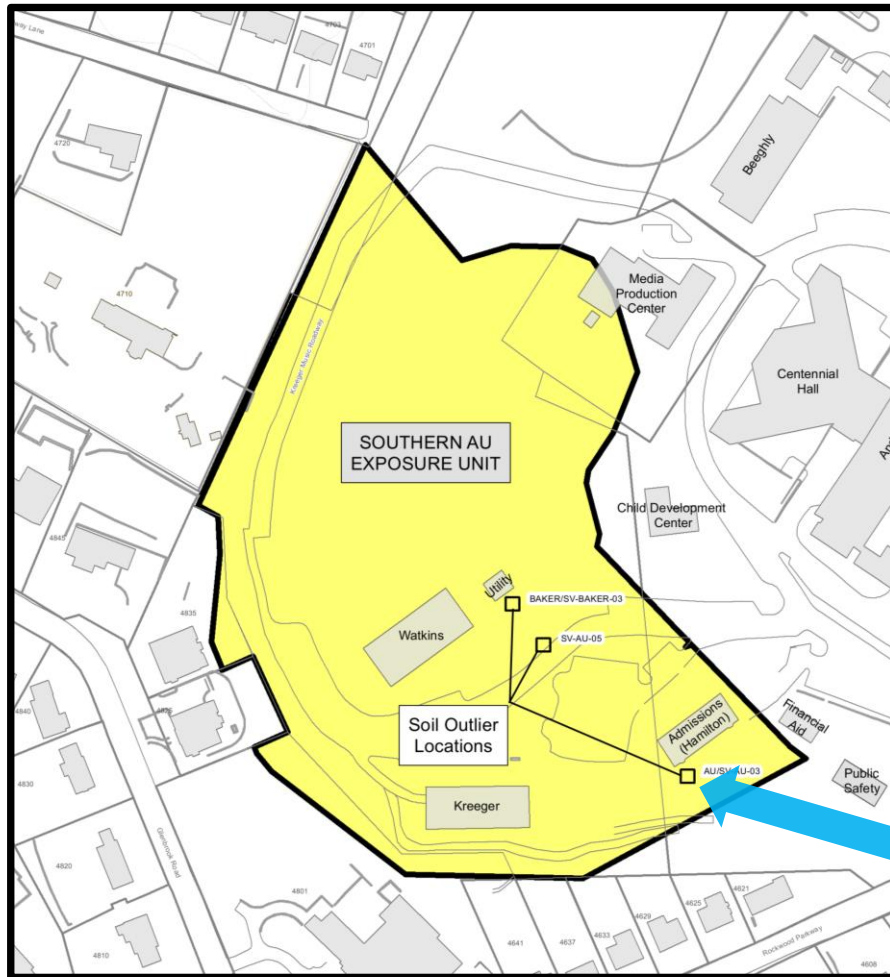


The team finalized the FUDS information notice, along with the brochure about the 3Rs. Initial distribution to the community was on June 13th. The team has received a couple of calls inquiring about the mailings to date.

This package will be distributed annually every spring.



SITE-WIDE REMEDIAL ACTION



Soil Excavation Areas

The hot spot soil removal at three locations within the southern area of the American University campus will likely begin after the former Public Safety Building excavations are completed.

The team started to prepare one of the sites for soil sampling access by removing bamboo in June.



Remedial Action - Tentative Schedule

Summer 2019	<p>Continue to finalize plant removal plans and approved plant removal; continue geophysical surveys; obtain Rights-of-Entry from the next group of homeowners. Continue soil removal preparations for the southern AU campus exposure unit.</p>
Fall/Winter 2019	<p>Continue finalizing plant removal plans with subsequent groups in preparation for geophysical surveys. Continue geophysical surveys and anomaly removal.</p>



AU'S FORMER PUBLIC SAFETY BUILDING

The gas line that passes along the edge of the PSB foundation and cinder block walls was abandoned in June. Two trees were also removed from the area in preparation for intrusive work.

- Mobilization began at the end of June/early July for final site set up and personnel trainings.
- The slab and soil removal work scheduled to begin the week of July 8th.
- The crew will use heavy equipment during normal work hours: 7am to 5pm, Mon-Fri.
- Perimeter air monitoring will be on during work hours. A guard will be present during non-work hours, including weekends and holidays.
- The excavation work is anticipated to take 2-4 months to complete.



Exposed gas line disconnected and all remaining gas removed.



**US Army Corps
of Engineers.**

AU'S FORMER PUBLIC SAFETY BUILDING

Two trees were removed to facilitate the excavation work at the Former PSB.

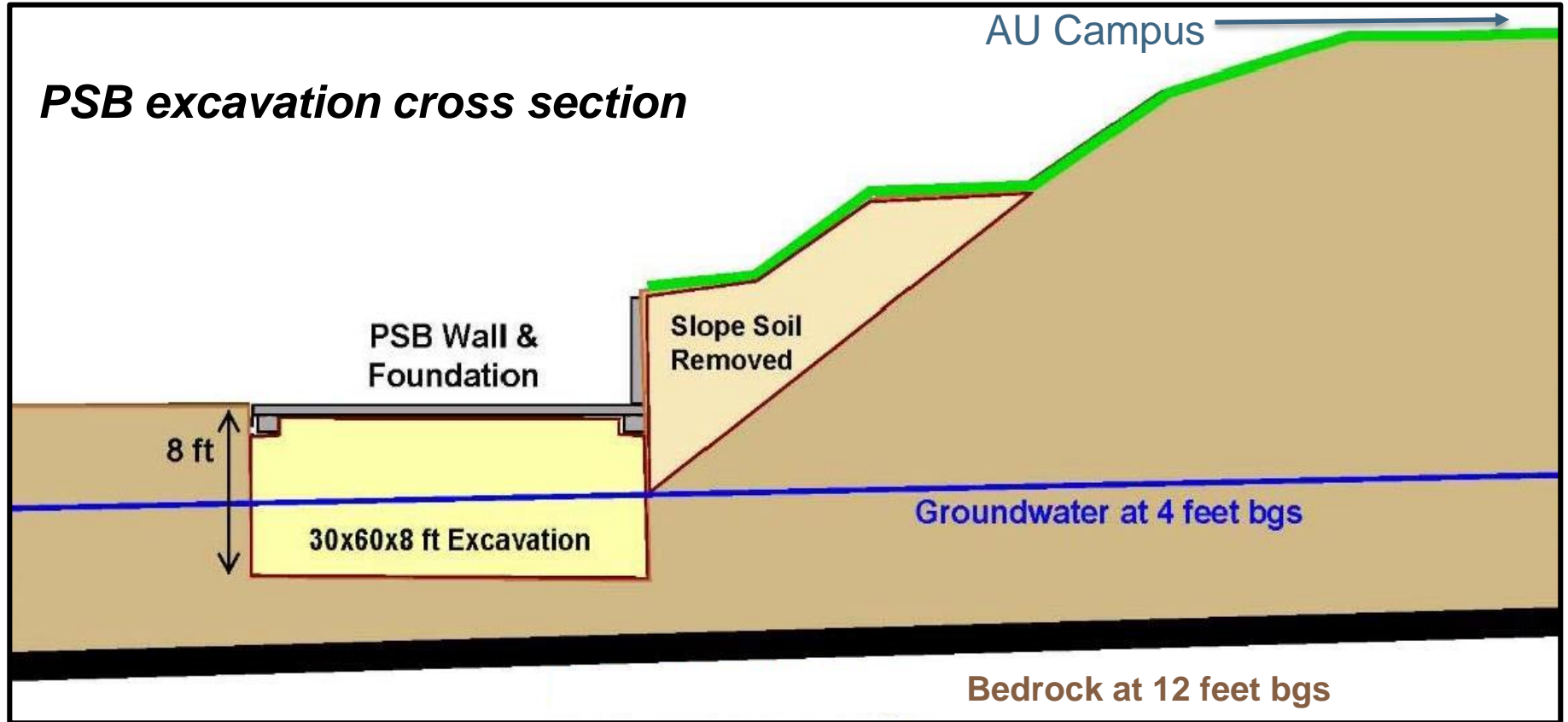


Moving logs & mulching limbs.



Stump grinding the removed trees.

AU'S FORMER PUBLIC SAFETY BUILDING



GLENBROOK ROAD

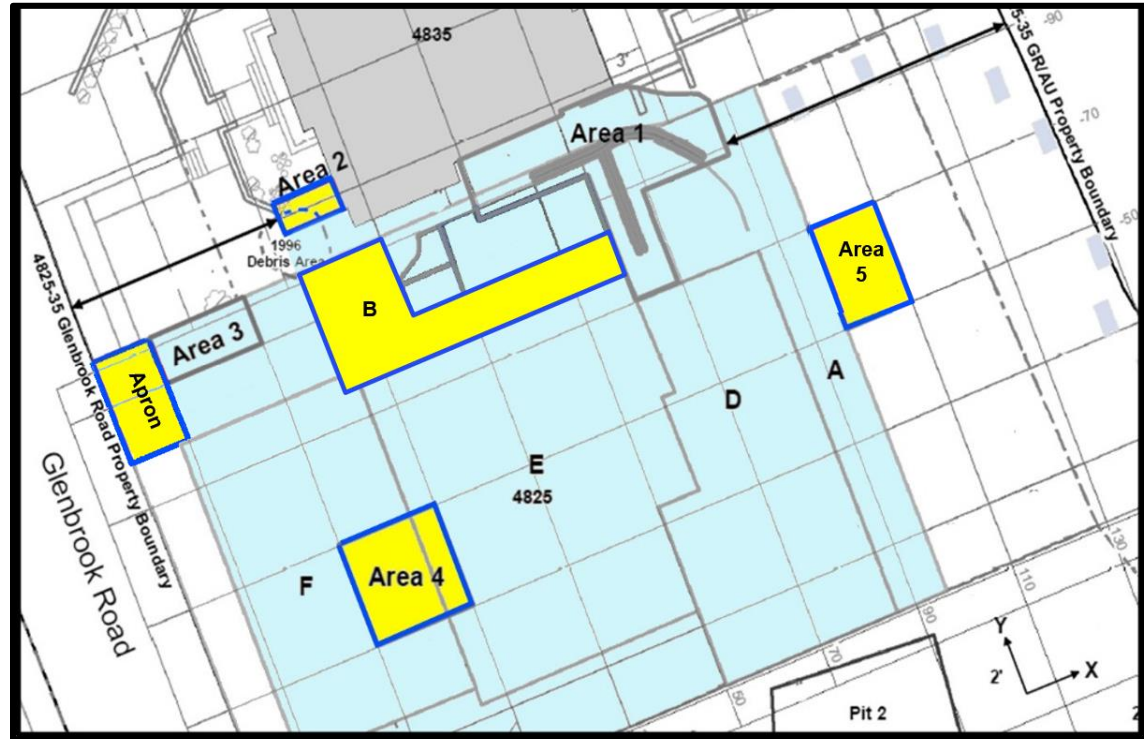
USACE UPDATES



**US Army Corps
of Engineers.**

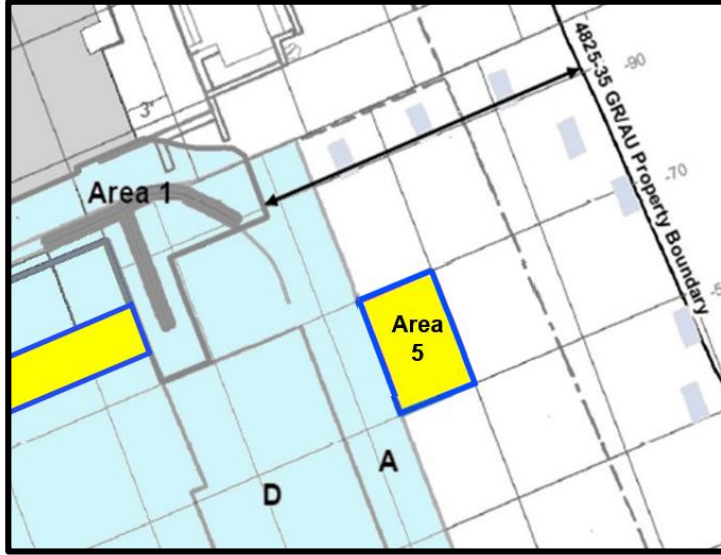
4825 GLENBROOK ROAD – LOW PROBABILITY & HTW EXCAVATION EFFORTS

- Continued Low Probability work at Area B through April and May.
- Completed work under the former driveway apron.
- With the completion of Area 5 on May 24th, the Low Probability work was completed.
- On June 3rd, we began HTW operations. This included arsenic removal from grids along the north wall that needed further excavation due to arsenic exceedance.
- Other than Area 4, no other arsenic exceedances remain.



4825 GLENBROOK ROAD – AREA 5

- Filled 57 drums of soil.
- Completed excavation down to 1.5’.
- No glass was found.

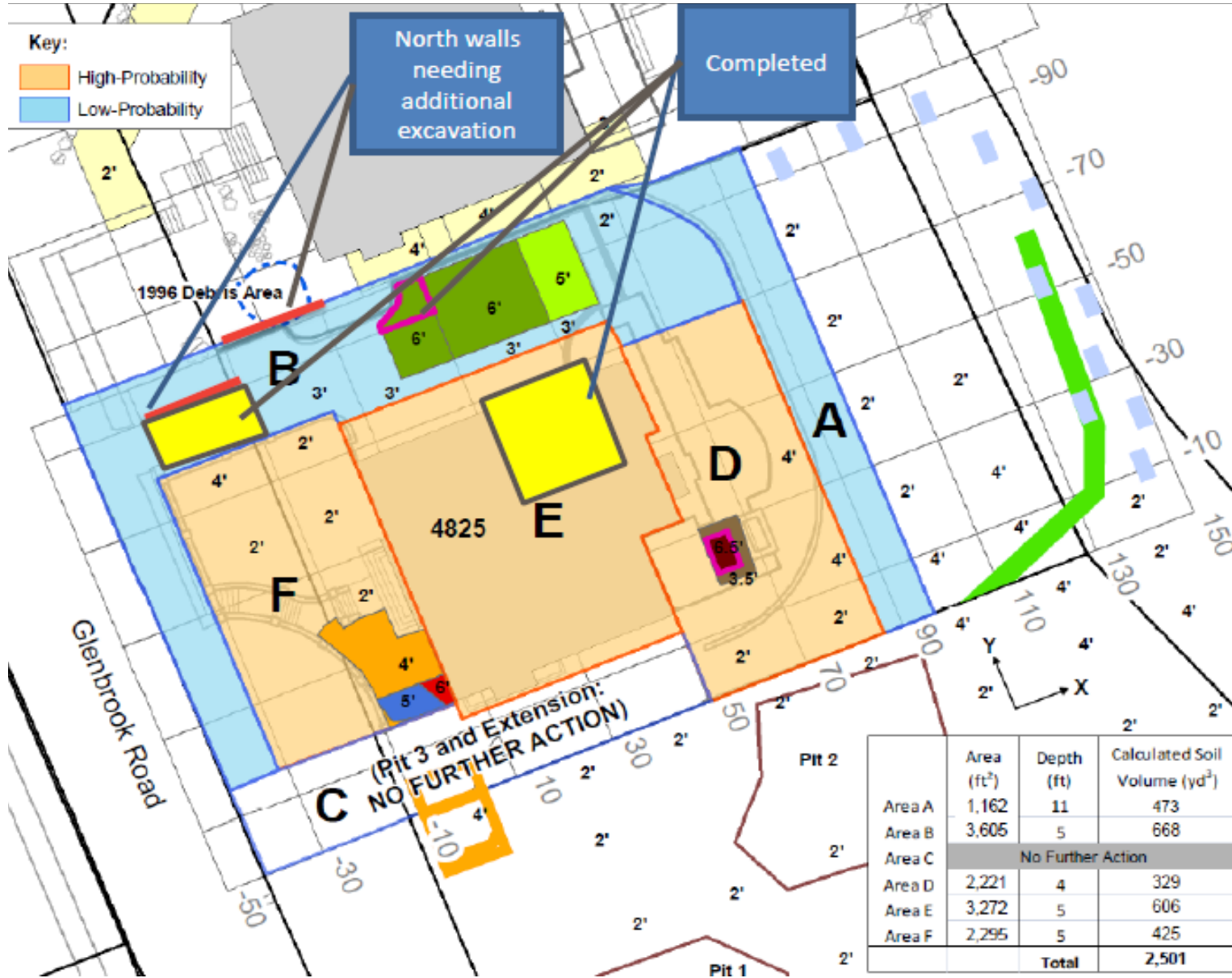


4825 GLENBROOK ROAD – UPCOMING EFFORTS

- Complete arsenic removals.
- Calculate exposure point concentrations (EPCs) for aluminum, antimony, arsenic, cobalt, total cyanide, manganese, mercury, nickel, thallium, vanadium.
- Excavate “hot spots” to reduce unacceptable EPCs.
- Excavate Area 2 (begin late-July).



4825 GLENBROOK ROAD



TENTATIVE SCHEDULE: GLENBROOK RD PROJECT AREA

Late Fall 2019	<p>Completion of low probability operations at 4825/4835 Glenbrook Road.</p> <p><i>Working hours:</i> Monday - Thursday from 6:30 am to 5:00 pm. Heavy equipment operations do not begin until after 7:00 am.</p>
Winter 2020	<p>Potential completion of intrusive activities at 4825 Glenbrook Road.</p> <p>Start of site restoration for Glenbrook Road sites – 4825 & 4835.</p>
Summer 2020	<p>Anticipated project completion.</p>



SPRING VALLEY FUDS RESTORATION ADVISORY BOARD

Community Items



SPRING VALLEY FUDS RESTORATION ADVISORY BOARD

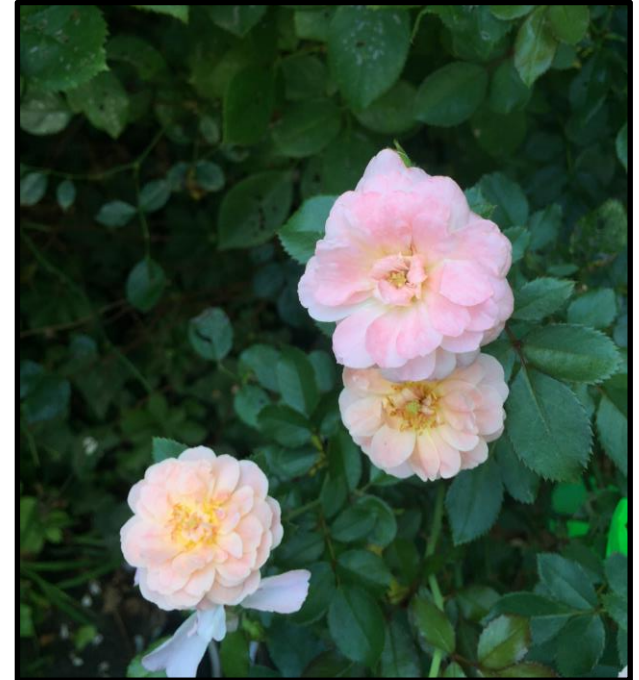
Open Discussion:

Reminders:

- The next RAB meeting will be
Tuesday, September 10th, 2019

Upcoming Agenda Items:

- *Suggestions?*
- Upcoming Groundwater sampling plan.



SPRING VALLEY FUDS RESTORATION ADVISORY BOARD AGENDA (continued...)

- **Public Comments**
- **Wrap-Up**



**U.S. Army Corps of Engineers
Spring Valley Restoration Advisory Board
St. David's Episcopal Church
Minutes of the July 2019 Meeting**

RESTORATION ADVISORY BOARD MEMBERS PRESENT AT THIS MEETING	
Dan Noble	Military Co-Chair/USACE, Spring Valley MMRP Manager
Greg Beumel	Community Co-Chair
Jennifer Baine	Community Member
Brenda Barber	USACE, Spring Valley Project Manager
Marguerite Clarkson	At Large Representative - Horace Mann Elementary School
Mary Douglas	Community Member
Steve Hirsh	Agency Representative - Environmental Protection Agency (EPA) Region III
Lawrence Miller	Community Member
Lee Monsein	Community Member
Dave Tomlinson	Agency Representative - Department of Energy & Environment
George Vassiliou	Community Member
John Wheeler	Community Member
RESTORATION ADVISORY BOARD MEMBERS NOT PRESENT AT THIS MEETING	
Brian Barone	Agency Representative - Department of Energy & Environment
Paul Bermingham	Community Member
Mary Bresnahan	Community Member
Mary Kathryn Covert Steel	Community Member
Paul Dueffert	Community Member
William Krebs	Community Member
Dan Nichols	At Large Representative - American University
Malcolm Pritzker	Community Member
Tom Smith	Community Member
ATTENDING PROJECT PERSONNEL	

Carrie Johnston	Spring Valley Community Outreach Program
Rebecca Yahiel	Spring Valley Community Outreach Program
Whitney Gross	Spring Valley Community Outreach Program
Holly Hostetler	ERT, Inc.
Chris Gardner	USACE, Corporate Communications Office
Ivanna Goldsberry	USACE
HANDOUTS FROM THE MEETING	
I. Final Agenda for the July 9, 2019 RAB Meeting	
II. Army Corps of Engineers Presentation	
III. American University's Former Public Safety Building Summary and Next Steps	
IV. Homeowner Post-Remedial Action Outline	

AGENDA

Starting Time: The July 2019 Restoration Advisory Board (RAB) meeting began at 7:18 PM.

I. Administrative Items

A. Co-Chair Updates

Dan Noble, U. S. Army Corps of Engineers (USACE), Spring Valley Project Manager, welcomed everyone and opened the meeting.

1. Introductions

None

2. General Announcements

a. Core Project Team Announcements

At the last RAB meeting, Alex Zahl, USACE, Spring Valley Technical Manager for the Site-Wide Remedial Action, announced his retirement. Ivanna Goldsberry, new member of the USACE Baltimore Spring Valley Project Team, will be taking over Alex's responsibilities for the 92 Residential Properties and 13 Federal/City Lots of the Site-wide Remediation.

b. Website Updates

D. Noble reviewed the website updates which included the June Site-Wide Monthly Project Update, weekly 4825 Glenbrook Road updates and photos, and April Partner meeting minutes. The August Partner meeting date of August 13 is also posted.

Question from Allen Hengst, Audience Member - At the last RAB meeting, at the end of the April Partnering meeting minutes it says that the next meeting is June 17 and that was announced here (ed. at the last RAB meeting). On the (ed. Spring Valley) website (ed. and on your PowerPoint slide) here it says the next meeting is August 13. Was the June 17 meeting canceled?

D. Noble explained that the June Partner meeting was held.

Question from A. Hengst, Audience Member - Ok, so what happened to the June meeting minutes because they are not shown on the website as forthcoming? (Ed. The Spring Valley website) has the April minutes and then it says the next meeting is in August, but it does not say there was a meeting in June.

D. Noble explained that the June Partner meeting minutes are being put together and will be posted as soon as the minutes are completed.

Comment from A. Hengst, Audience Member - Well, just put a note there that there was a meeting (ed. On June 17).

Dan confirmed this.

B. Task Group Updates

RAB Technical Assistance for Public Participation (TAPP) Consultant

D. Noble spoke with potential contractors to take over the Technical Assistance for Public Participation (TAPP) Advisory role for the RAB. Peter deFur was the TAPP contractor for many years. USACE Baltimore will be selecting candidates for the TAPP consultant from the Small Business Administration's 8(a) program. Each consulting firm will put together materials about the firm's profile and experience. D. Noble apologized for the delay in the process and expects to have a list of candidates within two weeks.

II. USACE Program Updates

A. Groundwater Feasibility Study / Dispute Resolution

USACE Baltimore submitted a groundwater sampling plan to Environmental Protection Agency (EPA) and Department of Energy & Environment (DOEE). USACE Baltimore received comments from both EPA and DOEE and will adjust the plan to address the comments. USACE Baltimore expects to be out in the field ready to begin sampling by the next RAB meeting. The wells have not been sampled in a few years, so the initial effort will be to redevelop the wells to ensure the wells are operable. Todd Beckwith, USACE Baltimore plans to attend the September meeting to provide in-depth details of the groundwater study, as requested by the RAB. T. Beckwith will review the past groundwater efforts, current status, and the strategy behind the next round of samples to be collected and how the data from the samples will be used to update the Groundwater Remedial Investigation/Feasibility Study (RI/FS) and potentially adjust the Groundwater Proposed Plan (PP) based on new data.

The two compounds of concern in the groundwater are perchlorate and arsenic (As). There is an established, long-standing regulatory level that exists for As in water, but perchlorate only had an advisory level. EPA announced a proposed final regulatory level for perchlorate on June 26 in the Federal Register. The proposal is available on the EPA website, and can be found at the link <https://www.epa.gov/dwstandardsregulations/perchlorate-drinking-water>. The proposal includes the following:

- Proposed National Primary Drinking Water Regulation (NPDWR) for perchlorate to establish a Maximum Contaminant Level (MCL) and a health-based Maximum Contaminant Level Goal (MCLG) at 56 micrograms per liter, or 56 parts per billion (ppb).
- The Proposal also included three alternative regulatory options:

- An MCL and MCLG for perchlorate set at 18 micrograms per liter.
- An MCL and MCLG for perchlorate set at 90 micrograms per liter.
- Withdrawal of the EPA's 2011 determination to regulate perchlorate in drinking water.

The advisory level for groundwater that T. Beckwith used in the past was 15 ppb; the proposed regulatory rule represents a 3-fold increase in the level of concern. The proposed rule is not final; the proposed rule and alternatives are under public comment now. If the public is interested in commenting, the EPA website lists instructions for making comments on the proposal. The public has until August 26 to enter comments. D. Noble encouraged the public to make comments and noted that he understood that 72 pages of backup support EPA's proposal.

Steve Hirsh, EPA Region III explained that the backup for EPA's proposal is ~30 pages in length.

The proposed regulatory level for perchlorate may take a long time to be finalized as the final regulatory level. In the meantime, the 15-ppb advisory level for perchlorate will remain the level that the groundwater effort will use for now.

S. Hirsh confirmed this.

Question from A. Hengst, Audience Member - I have a question for Steve. Do you know why they abandoned the peer-reviewed, multi-year process they have been engaged in for the last 4 years and instead went back to some findings that are 15 years old?

S. Hirsh explained that he did not.

Question from A. Hengst, Audience Member - Any insight into why that happened? Could it be the work of Pruitt's task force that was set up before he left?

S. Hirsh explained that the proposals are not the result of the Superfund task force.

Question from A. Hengst, Audience Member - So, you do not know why they abandoned it, but you are sure it was not Pruitt?

S. Hirsh explained that the groundwater regulatory level proposal is not part of his program. He reiterated that there is an open comment period and members of the public that have strong opinions should comment.

Question from A. Hengst, Audience Member - Yeah, I am sure they have 70 pages from 15 years ago, but they have got thousands of pages from the past 2 years, establishing it at a much lower level. This is going against the science and against whatever states are doing. It is going the opposite way; it is kind of like the wall, you know, the border wall?

S. Hirsh suggested that A. Hengst submit his comments to EPA.

Question from A. Hengst, Audience Member - I think it will end up in court.

S. Hirsh agreed that the matter might go to the courts.

D. Noble encouraged members of the public with strong opinions to comment until August 26.

B. Site-Wide Remedial Action (RA)

I. Goldsberry, USACE Baltimore briefly reviewed the Site-Wide Remedial Design (RD)/Remedial Action (RA).

1. 91 Residential Properties and 13 Federal/City Lots

- Working with 67 of the 92 residential properties.
- Completed 51 civil surveys and 48 arborist surveys.
- Geophysical clearing walkthroughs completed at 39 properties.
- Vegetation removed from 27 private properties and 9 City/Federal lots.
- Geophysical surveys completed at 26 private properties and 4 City/Federal lots off Dalecarlia Parkway.
- Completed initial anomaly removals at 26 private properties and 4 City/Federal lots off Dalecarlia Parkway.
- Currently working with regulatory partners to approve the assurance letters.

Question from Audience Member 1 - What are you defining as an anomaly?

I. Goldsberry explained that anomalies are based on the surveys of metallic signatures collected from below ground. The Dynamic survey creates a list based on the surveys and then the Cued survey goes back to each of the targets that the Dynamic surveys find.

Question from Audience Member 1 - I am sorry. My question is, what is the definition of an anomaly? Because I am looking at the map, right, where you show anomalies removed, and you guys dug up half a dozen things from my yard, but I am not on this mark-out here. So, was my stuff an anomaly?

I. Goldsberry asked to respond to Audience Member 1's question in an upcoming map.

Comment from Audience Member 1 - Sure.

Dynamic and Cued surveys being conducted on private properties. Some homeowners have inquired why the team needs to trim trees and bushes to 6 feet. The trimming is needed because prisms located on the geophysical survey equipment require a line of sight to a mounted survey unit to collect information from the surveys.

The team completed excavations at 12 private properties in June. Before the team begins excavations, the target locations must be re-acquired using the coordinates collected from the surveys. Flags are placed at the locations of the coordinates. Pink flags represent single-point anomalies and white flags represent locations where single anomalies could not be detected and will be investigated by using a metal detector, or 'mag and dig.'

Various items were found during the excavations in June. Most of the items found are non-munitions related debris, such as the scrap metal. Non-hazardous munitions debris (MD) was also found. Non-hazardous MD is double bagged in Ziploc bags and transported to federal property for storage and will undergo headspace analysis for mustard (HD) and lewisite (L). To date, all MD has cleared headspace analysis. Some of the properties had no munition items found and some properties had clusters of items.

To address Audience Member 1's question, I. Goldsberry explained that the map may not have been updated with all the validated June data, but is the most recent map to date.

Question from Jennifer Baine, Community Member - What is a MEC, can you remind me?

D. Noble explained that a MEC is a munition and explosive of concern, or a munition item that has an associated hazard. In this case, the MEC item found in April was a fuzed cannonball with the black gunpowder charge still intact. He added that the data reflects items found only since the Site-Wide RA began, not since the Site-Wide RI.

Question from Mary Douglas, Community Member - What does it mean when something is headspaced?

I. Goldsberry explained that a test is conducted on the vapor given off by a munition item. The munition item is placed in a “hot-box” at the federal property that heats up the munition item. A sample of the air surrounding the heated munition item inside the “hot-box” is collected.

Question from M. Douglas, Community Member - To see whether it is toxic or not?

I. Goldsberry explained that the sample is tested to determine if the headspace air tests positive for mustard or Lewisite.

2. Hardscape Excavations

In some locations, the geophysical survey identifies targets underneath hardscape. Hardscape is defined as areas with asphalt or stone, such as walkways. Some anomalies are detected underneath hardscape not reinforced with metal. If these anomalies are selected for intrusive investigation, the existing hardscape will be carefully removed at the location. Once the excavation team recovers the anomaly, a professional hardscape company completes the restoration. Several anomalies underneath hardscape areas within DC public space will be removed once required permitting for the work is obtained. The permits require USACE to notify homeowners and neighbors that the work will be occurring.

3. Restoration and Reimbursement Process

- After excavations on a property are completed, the results are verified and then reviewed for approval by USACE Baltimore. This step may take a few weeks.
- Stakeholders walk the site to note all restoration needs. The attendees for the site-walk include Weston Solutions (contractor performing excavations), USACE Baltimore, the USACE Outreach Team, a landscaper, and the homeowner.
- Once the stakeholders agree on the additional restoration needs, the professional landscaper will send Weston Solutions an itemized quote for all the additional necessary restoration. The quote will be included in the final landscape plan, to be reviewed and approved by both USACE Baltimore and the homeowner. The homeowner then has the option to either be reimbursed for the damages or elect USACE Baltimore to perform the restoration.

Question from A. Hengst, Audience Member - I have to go back to that map of the anomalies. At the last meeting, in answer to a question, I do not know if it was Alex, whoever presented it said the cannonball was found on Sedgwick, but that red dot on that map is not at Sedgwick. It is on Fordham Road and Quebec Street. So, is the map wrong or was the May report that it was found on Sedgwick incorrect?

I. Goldsberry explained that she did not remember what was said.

Question from A. Hengst, Audience Member - Were you here?

I. Goldsberry confirmed this.

Comment from A. Hengst, Audience Member - Well, he did say Sedgwick. And that is Fordham Road and Quebec. Just a small point, discrepancy. Probably the map is wrong, huh?

I. Goldsberry explained that USACE Baltimore will confirm the location.

D. Noble confirmed that the map is correct and explained that the location is associated with the Sedgwick Trench and that Alex Zahl, USACE Baltimore may have mentioned Sedgwick referring to the name given to the facility.

Comment from A. Hengst, Audience Member - Ok, sorry.

Question from John Wheeler, Community Member - I have a question about the next slide. Is it not possible that there be restoration and reimbursement? Like, let us say a large tree was removed. That is something that you cannot really restore. I am just thinking out loud. Is that more of a reimbursement?

I. Goldsberry explained that if a tree was removed the homeowner still has the option of either receiving a check for the tree or USACE would replant a tree. USACE Baltimore could not replant a large tree but USACE would replant a tree.

Question from J. Wheeler, Community Member - Yeah, I just know that in your process a large tree might have a value of \$50,000. And the replacement tree would have a value of about \$500. It seemed like there should be a choice of mostly restoration but then there is a reimbursement issue that really cannot be restored immediately.

D. Noble confirmed that there are properties that have received both. USACE Baltimore strives to offer restoration immediately for items that affect security and access to the property. USACE Baltimore will restore walkways and driveways to a usable condition. If fencing is taken down on properties where children or pets live, the fences will be restored immediately if requested by the homeowner. Some homeowners prefer reimbursement instead.

Comment from J. Wheeler, Community Member - Thank you.

4. Homeowner Post-Remedial Action Options

a. Restoration

If the homeowner elects for USACE Baltimore to perform the restoration, the plan will be updated and finalized. Weston Solutions and the Outreach Team will work with Fine Earth and the homeowner to schedule the restoration work. The restoration of landscaping will be performed in lieu of reimbursement.

b. Reimbursement

If the homeowner selects reimbursement, the homeowner will sign a reimbursement request letter and submit the letter to the USACE Outreach Team. The Outreach Team sends a reimbursement request package to the USACE Real Estate Division (RE) office, which includes:

- Signed reimbursement request letter
- Final landscape plan
- Fence reimbursement appraisal (if applicable)
- Signed right-of-entry (ROE)
- Approval letter from USACE project manager

The Real Estate Division will produce a release-of-claims package for the homeowner to sign:

- The timing of this step is dependent on the mail system and the time it takes the homeowner to review and sign.
- By signing, the homeowner agrees to the compensation and thereby releases the government

from any additional claims under that signed ROE.

- The homeowner must include their social security number for USACE and the Internal Revenue Service (IRS) processing systems to produce the reimbursement.
- The government is required to confirm the identity of each homeowner and check for any outstanding federal debt in accordance with the Treasury Offset Program.

Once the release-of-claims package is approved, USACE will work to transfer the appropriate monies to RE:

- The RE Division will process the claim and request a check from the USACE Financial Center in Millington, TN.
- The timing of this step depends on the schedule at the USACE Financial Center. (Conservatively, it usually takes ~2 to 4 weeks for review and approval.)
- The check will be overnighted from Millington, TN to USACE Baltimore, where the check will be processed and overnighted to the homeowner.

Question from Audience Member 1 - So, from the beginning of this from the time we sign a letter it takes 4 months to get reimbursement?

I. Goldsberry explained she had not totaled the timing of all the steps.

Comment from Audience Member 1 - And you are nodding 'yes.' That goes against everything I have been told from the beginning of this process. Everything.

D. Noble confirmed that the process takes ~4 months to produce a check from the U.S. government.

Question from Audience Member 2 - What are we releasing the government from, exactly?

D. Noble explained that if USACE Baltimore cuts a bush down and gives \$200.00 in reimbursement for the bush, the homeowner agrees by accepting the reimbursement that the homeowner will not process a claim against USACE Baltimore for that bush. The homeowner releases that claim.

Question from Audience Member 2 - Sure, but nothing, like, for instance if we find later that there is some sort of issue or health issue?

D. Noble explained that the release is only for items enumerated in the inventory.

Question from Audience Member 2 - Perfect, ok. I am guessing it is a standard release? So, for instance, is it something, like, I think homeowners should know up front what the release is before they go through the process, especially given how many lawyers, ultimately, you end up dealing with and how sensitive releasing claim is just generally. So, I would say, like, that is something that I would have liked to see up front versus knowing about it now, 'what exactly am I releasing the government from?'

Question from Audience Member 1 - So, you probably have a standard release that you use, and you fill in the name and it is done. So, can we get a copy of the draft release?

D. Noble confirmed that the homeowners may have a copy of any of the documents.

Question from Audience Member 2 - Yeah, and then I would kind of ask that that be part of the package for the rest of the homeowners that are going through this process right now. I guess, for me as a homeowner it is extremely anxiety-producing. So, I guess, I am just, generally, like, very

concerned here.

Comment from J. Wheeler, Community Member - I think that is a good suggestion. I think that benefits everyone. It benefits USACE and the homeowner.

D. Noble confirmed this.

Question from Marguerite Clarkson, At Large Representative - Horace Mann Elementary School (HMES) - Does this process start before you start digging up the shrubbery, the trees, the whatever?

I. Goldsberry explained that the reimbursement process does not start before vegetation is cleared.

Question from M. Clarkson, At Large Representative - HMES - So, this starts after your plants and stuff are gone?

I. Goldsberry and D. Noble confirmed this and explained that the homeowner would have agreed to the final landscape plan before the plants were removed, so the homeowner would know what trees or plants were coming down and the approved value of those plants.

Question from M. Clarkson, At Large Representative - HMES - Cannot the process start before they clear it away?

D. Noble explained that the specific plants to be removed and the value of those plants must be approved by the homeowner before USACE Baltimore removes any vegetation.

Comment from Lawrence Miller, Community Member - That underscores that the form of release should be shown at the outset of the project.

D. Noble confirmed this and explained that the release language is included in the package that the homeowner signs. There is a statement that says, 'I hereby release the government for this list of items.' He reiterated that the draft forms can be made available to the homeowners ahead of time.

Question from Audience Member 2 - Ok, I mean I could be part of, I know there was an actual release just to enter a property. But I think that was different, yeah. So, and I guess, I mean the user experience here is that we have our properties completely razed and we sit here for months waiting for a check to come before we can actually start to repair and restore. Which means, I mean, it just feels terrible. I mean, looking at Pete's house, it looks terrible and makes me not want to sign up for this, but I am kind of stuck in a catch-22; what do I do, not do this?

Question from Audience Member 1 - The reimbursement process seems absurd to me; that it takes 4 months. That is not any of the expectations that have been set by your people, and I have got the emails to show it. So, I am told 4 to 6 weeks and now I am hearing 4 months, so I am going to get a reimbursement check maybe in November? And I cannot start planning again until what, April or May?

D. Noble explained that the timing of the process begins when the damage is created during excavation.

Question from Audience Member 1 - Well, I was just told it is 4 months from the time I send the letter saying, 'yes, this is the reimbursement,' which I am supposed to get tomorrow or Thursday.

D. Noble explained that he did not believe the process should take that long from the sending of the letter.

Question from Audience Member 1 - Ok, so let me ask the question differently. How long does it

take, from the time I send the letter saying, 'yes, this is the right amount,' before I get the reimbursement check?

D. Noble explained to start counting the time from when the package is signed by Audience Member 1 and sent to USACE Baltimore, USACE Baltimore puts the package together and sends the package to RE, and transfers the funds to RE.

Question from Audience Member 1 - Which package are you talking about?

Question from Audience Member 2 - The release-of-claims package?

D. Noble confirmed this.

Question from Audience Member 1 - And that is already started, Whitney?

Whitney Gross, Spring Valley Community Outreach Program confirmed this.

Question from Audience Member 1 - So where am I in the 4-month cycle, you probably know better than I do, because I am not following this slide at all?

W. Gross explained that she could go through the details with Audience Member 1 after the meeting since the information was personal.

Question from Audience Member 1 - Yeah, I could care less, but that is fine if you want to do it later.

W. Gross confirmed this.

Comment from L. Miller, Community Member - If you could do it in general, just for anybody, how long it takes after the release-of-claims package is signed, that would be helpful.

Question from Audience Member 1 - So, Larry, I will give you a sense. So, they have done all the digs on my property and we have done the walk-through, and we said, 'ok, we are good,' I agreed to everything that was additional. That to me is the trigger then to get the letter to sign, agreeing to the number. How long from that point, Dan, does it take to get reimbursement, because I cannot figure it out on that chart?

D. Noble explained that giving an exact number is difficult.

Comment from Audience Member 2 - You can give us an estimate?

D. Noble estimated that the time between Audience Member 1 sending the letter and reimbursement is ~1 to 2 months.

Question from Audience Member 1 - Ok.

Comment from L. Miller, Community Member - Close to 4 to 6 weeks again.

D. Noble explained that delays can happen in the government bureaucratic process. Some homeowners get checks very quickly, and other homeowners have experienced delays for various reasons. USACE has been conducting remedial activities in the neighborhood for years, causing a lot of damage, but has made every effort to be upfront about the potential damage. Even after the years of activities, the process can be delayed by unforeseen issues. USACE Baltimore works with each homeowner individually to perform the work when convenient to the homeowner, but delays can still happen. The team works diligently every day to move things along to send the reimbursements to the homeowners. During the arsenic investigation, the soil removal was extensive at 170 properties. During the Site-Wide Remedial Investigation (RI) for munitions, the

process required excavation of numerous holes and the removal of vegetation. Some residents have experienced remedial excavations at their properties twice, including Audience Member 1.

Question from Greg Beumel, Community Co-Chair - These people whose decision has been made, is it quicker to choose a landscaper coming in to restore the property? Or is it a similar timeline and are the people told in advance, 'I will restore your property in a month or 4 months later I will send you a check'?

D. Noble explained that the team has not approached the restoration in that way with homeowners. The team offers to perform restoration or give reimbursement. Sometimes restoration must be completed at various stages because different plants are restored at different times of the year.

Question from G. Beumel, Community Co-Chair - Well, yeah, you can only plant certain things at certain times of the year. But they are going to have that problem anyway if his check arrives in November, depending on the weather, because he is waiting until spring to do some work.

Question from J. Baine, Community Member - Is there any reason to believe that the number that has been approved by the project manager will be different than number on the check? Like, when it goes through all these steps, are they adjusting, or you think, like, you can feel confident, if you agreed on whatever that number, that is what the check will be, whether it comes in 4 weeks or 4 months?

I. Goldsberry and D. Noble explained that if there is an outstanding federal debt under the same taxpayer number, the IRS might take some of the debt payment out of the reimbursement check.

Question from J. Baine, Community Member - Ok. And at what stage is the homeowner clear to start? Like, say they do not want to wait for the check, they know it is coming. Do you give them, like, a green light, 'we are done, we have gotten all our testing certified'?

D. Noble confirmed that stage would be when the data has been validated. That is why the final walkthrough is not conducted until all the data has been validated, in case further remedial action is required on the property.

Comment from J. Baine, Community Member - I was just trying to think, like, how you could minimize the time that these people's yards are destroyed.

5. Site-Wide Land Use Control Implementation Plan (LUCIP)

The first mailing of the Department of Defense (DoD) 3 Rs (Recognize, Retreat, Report) explosive safety program brochure and the Formerly Used Defense Site (FUDS) Information Notice was sent to the Spring Valley community on June 13. The Corporate Communications Office phone number was included in the notice for residents with any questions. Out of over 1,200 notices sent to property owners, only a few calls have been received. One of the calls were from people that received the notice and map and pointed out that their property was not located in the FUDS site. USACE Baltimore confirmed that some of the properties were outside of the FUDS site and the homeowners had been added to the mailing list over the years. Some properties outside the FUDS underwent arsenic soil sampling so the homeowners were included on the mailing list to keep the homeowners informed. USACE Baltimore is scrubbing the mailing list to ensure that homeowners outside the FUDS do not receive the mailings. The mailing will to be sent once a year per the implementation plan and as required by the Site-Wide Decision Document (DD). Periodically, the need for the program will be reviewed by USACE Baltimore, DOEE, and EPA to decide whether the notification and safety education program needs to continue. The mailing will be sent earlier

in the spring, so residents are reminded of the issue before conducting outdoor activities. USACE Baltimore will remind the RAB of the mailing next year.

Question from A. Hengst, Audience Member - I have got another question that you will not be able to answer, but I am going to pose the question anyway in the hopes that Dan Nichols will see it in the minutes and maybe answer it at the next meeting. And that is, how is AU [Ed. American University] going to pass this information along? How are they going to inform their students, their staff, and their faculty about this brochure?

D. Noble explained that there is a separate mailing for institutions. The institutions will receive a 'train the trainer' package of educational tools along with the notice, should the institutions choose to use the materials provided to inform their populations. The distribution of the information to staff, students, and public visitors will be up to each institution.

Comment from A. Hengst, Audience Member - So, it is a question for Dan Nichols.

D. Noble confirmed this.

6. Hotspot Removal of Contaminated Soil at Southern American University (AU) Campus

The hotspot soil removal at three locations within the southern area of the AU campus will likely begin after the former Public Safety Building (PSB) excavations are completed.

Initial clearing of the hotspot area was conducted in the last few weeks for collection of additional soil samples. The soil samples will help determine the locations of the hot spots. While work is conducted at the PSB, the excavation contractor will remove the hotspots nearby. Both the hotspots and the former PSB are located on the southern AU campus.

7. Remedial Action Tentative Schedule

- Summer 2019 - Continue to finalize plant removal plans and approved plant removal, continue geophysical surveys; obtain Right-of-Entries from the next group of homeowners. Continue soil removal preparations for the southern AU campus exposure unit.
- Fall/Winter 2019 - Continue finalizing plant removal plans with subsequent groups in preparation for geophysical surveys. Continue geophysical surveys and anomaly removal.

8. Former Public Safety Building (PSB)

B. Barber provided a brief update on the former Public Safety Building (PSB).

With assistance from AU, Washington Gas finally abandoned the gas line that ran adjacent to the foundation of the former PSB. The team mobilized to the site and prepared to remove portions of the slab and concrete today but discovered two additional utilities that were missed at the site. The team is working with AU to re-route the utilities and/or provide temporary services to the adjacent building to prevent interference with AU's administrative buildings. The unexpected utility re-routing may cause a 1 to 2-week delay to the PSB excavations. The additional utilities are water and sewer that are controlled by AU, so the team does not anticipate the same delay as experienced with the public utility removal of the gas line. The team expects significant progress by the next RAB meeting; the slab will be gone, and excavations will be underway.

- Mobilization began at the end of June/early July for final site set up and personnel training.
- The crew begins each day with safety briefings and will operate heavy equipment during normal work hours: 7AM to 5PM, Mon.-Fri.
- Perimeter air monitoring (Depot Area Air Monitoring System (DAAMS) tubes only) will be

active during work hours. This will not be the same type of air monitoring program conducted at 4825 Glenbrook Road. The air monitoring will be a representative historical sample at the perimeter. The team will utilize hand-held equipment for volatile organic compounds (VOCs) such as mercury (Hg), but not to the extent as discussed for 4825 Glenbrook Road.

- A security fence separates the area from the rest of the AU campus. During non-work hours a security guard will be present.
- Once works begins, the project is expected to take 2 to 4 months to complete. The site will be restored and returned to AU for future use on the campus. During move-in week at the end of August, the team will suspend operations to avoid interference with AU freshman and other students returning to the campus.

Question from Jerry Barton, Audience Member - 2 to 4 months to do what?

B. Barber explained that the excavation work is expected to take 2 to 4 months.

Question from J. Barton, Audience Member - To actually take the slab out?

B. Barber confirmed this and explained that the work will also include excavating to depth, confirmation sampling, and site restoration.

In preparation for some of the work at the PSB, the team discussed landscape removal with AU. Several trees in the footprint of the excavation posed a safety risk. The team worked with AU to identify two trees for removal and an arborist assigned a value to the trees for reimbursement/restoration negotiations. The trees were cut down, mulched, and removed.

Question from A. Hengst, Audience Member - It looks like one of them is that giant tree there with the white line attached, that giant pine tree?

B. Barber confirmed this.

Question from A. Hengst, Audience Member - Was the other tree comparable in size to that?

B. Barber confirmed that both trees on the upside slope were large.

Question from A. Hengst, Audience Member - So, approximately, what are those going to cost?

B. Barber explained that the total for both trees removed will be ~\$80,000.

Question from J. Barton, Audience Member - Did you have to clear that with the DC tree police?

B. Barber confirmed that a permit was required to remove the trees.

The remaining removal work includes the slab and three walls of the former PSB. . There are walkways and concrete sidewalks remaining along the upward slope towards AU campus. The soil will be removed, and the team will prepare to bench back the excavation for safe excavation work. The excavation will be to a depth of 8 feet, removing all potential debris. Confirmation sampling is expected to illustrate that the remedial goals have been achieved for the site.

Question from Audience Member 2 - You said that the area impacts Fletcher Gate. Is that Rockwood?

B. Barber confirmed that the gate is at Rockwood Parkway.

Question from Audience Member 2 - Will that impact the sidewalk there as well or any of the traffic pattern on Rockwood?

B. Barber explained that traffic patterns will not be impacted. The excavation site traffic will use

a gravel road with an entrance off the Fletcher Gate roadway. Because of the amount of traffic during move-in week, operations will be suspended. No impact to Rockwood Parkway is expected. All trucks, vehicles, and personnel will be clean before entering or exiting AU property.

Comment from Audience Member 2 - Thank you, I was just wondering because Horace Mann is across the street and lots of little kids walk there.

B. Barber explained that activities are strictly confined to the AU campus. Previous work used an exit onto Rockwood Parkway, but that option was not included in the plan.

Question from Audience Member 2 - Thank you.

Question from J. Barton, Audience Member - The sidewalk up on top is going to stay there, you are not taking that out?

B. Barber confirmed that the sidewalk on top will remain in place. The gated entrance to the site is ~5 feet from AU's campus sidewalk.

C. Glenbrook Road

B. Barber provided a brief update on 4825 Glenbrook Road and 4835 Glenbrook Road.

1. Recent Activities

- Continue Low Probability work at Area B (former driveway) through April and May.
- Completed work under the former driveway apron.
- With the completion of Area 5 on May 24, the Low Probability work was completed.
- Hazardous and Toxic Waste (HTW) operations began on June 3. This included arsenic (As) removal from grids along the north wall that needed further excavation due to As exceedance.
- Other than Area 4, no other As exceedances remain.

Question from M. Clarkson, At Large Representative - HMES - Can you remind me what HTW is?

B. Barber explained that HTW is Hazardous and Toxic Waste. The HTW investigations are for metals that exceed residential screening limits.

2. 4825 Glenbrook Road - Area 5

Area 5, located on the upward slope of the property, was not part of the original anticipated work at the site. During significant rain events, the team noticed glassware debris that emerged from the sidewall of the open face of the backyard area. Out of an abundance of caution, the area was excavated down to 1.5 feet and 57 drums of soil were removed. No additional glassware was encountered. Confirmation samples were collected and cleared analysis, so Area 5 was deemed complete.

Question from J. Barton, Audience Member - This is going up the hill toward the parking lot?

B. Barber confirmed this.

3. 4825 Glenbrook Road - Upcoming Efforts

- All As removals have been completed, so now the sampling in grids will be conducted to calculate the exposure point concentrations (EPCs) for aluminum (Al), antimony (Sb), cobalt (Co), total cyanide (CN), manganese (Mn), Hg, nickel (Ni), thallium (Tl), and vanadium (V). This will allow the team to determine additional hot spots for excavation to reduce unacceptable

EPCs.

- Excavate Area 2, beginning in late July.

Comment from A. Hengst, Audience Member - This changes the whole schedule with the soil gas sampling because that was supposed to have already been done. But it cannot be done until you are finished.

B. Barber explained that soil gas needed to be completed once the source material along the property line was removed.

Question from A. Hengst, Audience Member - So, did it happen?

B. Barber explained that the shared property line has been cleared and all confirmation sampling has been completed along the shared property line. Concurrent with the excavation work in Area 2, soil gas samplers will be set up in the basement to collect an additional round of soil gas samples. The soil gas samplers are expected to be set up in late July.

Comment from A. Hengst, Audience Member - So, at the last meeting when the soil gas sampling was supposed to happen on June 17, we were supposed to have the results by mid-August.

B. Barber explained that the timeline was delayed because of funding issues.

Question from A. Hengst, Audience Member - So, since it did not happen, we are talking about mid-September now for the results? And that would be after the RAB meeting or possibly before the September meeting?

B. Barber explained that the results will likely be available after the next RAB meeting.

Comment from A. Hengst, Audience Member - So, we will find out in November.

B. Barber reiterated that there was a funding issue and the team could not be mobilized.

Question from A. Hengst, Audience Member - Well, it will be in your weekly update, would it not, when you report on the soil gas results?

B. Barber explained that the latest update reflected the schedule change.

Comment from A. Hengst, Audience Member - But I am saying when you do the results, we do not have to wait for the meeting, the results could come out in that update. I mean, you could say in the update, 'the soil gas samplings were negative,' or 'the soil gas samplings were positive.'

B. Barber explained that a statement of the results will be included in the reports.

Comment from A. Hengst, Audience Member - Good.

B. Barber explained that the posted results will be at a high level since the results will be an extensive list.

Comment from A. Hengst, Audience Member - Thanks. Mid-September.

B. Barber confirmed she will do her best to meet that request.

There are areas that require additional excavation, including Area 4. One north wall is specific to the shared property line, another north wall is adjacent to the shared property line. A confirmation sample failed testing, so in accordance with standard operating procedure, additional excavations will step out and additional confirmation samples will be collected to verify that the areas are clean.

4. Tentative Schedule - Glenbrook Road Project Area

- Late Fall 2019 - Completion of Low Probability operations at 4825/4835 Glenbrook Road. Working hours: Mon.-Thurs. from 6:30AM to 5PM. Heavy equipment operations do not begin until after 7AM.
- Winter 2020 - Potential completion of intrusive activities at 4825 Glenbrook Road. Start of site restoration for 4825/4835 Glenbrook Road.
- Summer 2020 - Anticipated project completion.

Question from George Vassiliou, Community Member - So, what kind of restoration will you do where the dig is, not the house next door. What are you going to do with that space?

B. Barber explained that USACE Baltimore is working with AU on a restoration plan. AU owns both properties and it will be AU's decision about what to do with the properties and whether the president of AU will move back into 4835 Glenbrook Road. USACE Baltimore has asked AU for a final restoration plan.

Comment from G. Vassiliou, Community Member - Ok, so you do not have a final plan.

B. Barber confirmed this.

III. Community Items

Question from J. Baine, Community Member - It looks like the MEC was right on the border of the map. Did that trigger any additional?

D. Noble explained that no additional investigations were triggered because the MEC item was a civil war item. The facilities outlined on the map were WWI facilities. The item has been determined as a random find in that location. If a hazardous item is found on the boundary of one of the facilities, USACE Baltimore would discuss the find with the Partners for appropriate action. The FUDS boundaries include significant buffer areas around each of the four facilities.

IV. Open Discussion and Future RAB Agenda Development

Question from Audience Member 2 - We live on 52nd Terrace area and our issue is more with just the restoration work that is going on. I am also the Spring Valley Advisory Neighborhood Commissioner (ANC) Commissioner as well. One is, I have a personal concern that is also validated by 2, actually 3, different arborists on the removal of plants in my back yard where if the plants are removed and dug up, it is going to impair the root strength of the trees, and I understand that trees are not part of this process. So, I am left stuck between a rock and hard place of, do I allow Army Corps to come in and just cut down to the roots and I cannot plant anything, which is 6 poplars on my property so it is much of my backyard, or do I risk it and allow them to dig everything up and then plant to get it back to what it looked like, which it will never go back to what it looked like for another 15 years, or do I spend a lot of money myself to take down the poplars in my backyard. So, I guess I am wondering why this policy was created that says, 'we will not take down a tree.' Is that a policy here?

D. Noble explained that when USACE Baltimore was developing and proposing the Site-Wide Decision Document (DD), these types of issues were addressed. One of the challenges was the neighborhood development since WWI. There are four former WWI facilities to be investigated, and the investigation must be balanced between the potential hazard and risk versus what it would take to determine if the hazard and risk were real. USACE Baltimore worked through those decisions with the Partners and proposed the ideas in the Site-Wide Proposed Plan (PP). The plan includes accessible areas and non-accessible areas. USACE Baltimore would review areas and

make the initial determination as to if an area was accessible and if the area could be cleared of anomalies. The Site-Wide PP set boundaries on what would be considered accessible. For example, city streets will not be investigated. Areas such as driveways, tennis courts, and sidewalks will undergo scanning with the detection instruments. If the instruments can scan through features without interference from items such as rebar, those areas will be considered accessible. If an area, such as a driveway, has a lot of rebar in it and the instruments cannot scan through the driveway - even though it may be technically possible to remove the driveway and then investigate the item - the area will be considered a non-accessible area and the item will be left in place. USACE Baltimore's arborists give their professional opinion on what may be done concerning trees on a property. USACE Baltimore understands that opinion is a matter of professional judgment. If Audience Member 2 has different opinions from professional arborists, USACE Baltimore usually encourages homeowners to get the professional opinions in writing and submit the opinions to USACE Baltimore for review. USACE Baltimore will work with the homeowner to reach a fair settlement. If the arborists say, 'you cannot work around this tree's root system without making it unsafe,' USACE Baltimore will discuss the issue with the Partners and determine whether to consider the area under the tree an inaccessible area or continue to go after the anomaly. If the decision is made to go after the anomaly, and the professional arborist's opinion is that the anomaly cannot be excavated without making the tree dangerous, the homeowner will not pay for the tree. USACE Baltimore will pay to have the tree taken down and removed.

Comment from Audience Member 1 - That is not entirely true. That was not my experience 2 weeks ago.

Question from D. Noble, Military Co-Chair/USACE, Spring Valley MMRP Manager - Are you the gentleman with the large tree on the hill in the front yard?

Question from Audience Member 1 - I am, yes.

D. Noble explained that he believed that USACE Baltimore is following that process for the issue at Audience Member 1's property.

Question from Audience Member 1 - Are we doing that process because in the walkthrough I happened to ask, 'what is that point on the map?' and I was told that is an anomaly that we cannot determine what it is, but we are going to leave it in place. It was not until I wrote you and the District government that you guys came back and said, 'now we are going to try this new approach.' In fact, I was told, if the tree falls over and there is a munition there, call us, but for my favorite, if your dog digs it up and you see it, call us and we will remove it. So, you were about to clear my property with an unknown, not disclose it to me until the walkthrough, and the response was completely unacceptable by the Corps. It was not until I got the District involved, emailed you directly, and then I got people to come out and now they are talking about coming at it sideways and doing different things, and I think the initial reaction was, would you really want us to take this tree down to find a piece of rebar? There is a level of insensitivity here. You guys do not live in this neighborhood. This happens to be my largest asset. It does not reflect well on you, your team, or the Corps, how you have handled this. This is my incident, and now I have had neighbors come to me and say, 'how has it been?' and I said, 'I am going to tell you, for the most part I was your biggest fan for a very long time, and I am not anymore.' I wonder, what else am I missing? What else do I not know? Why are you asking me then to sell my largest asset in two years and know there is an anomaly in the ground?

D. Noble noted that Audience Member 1 had a lot of questions and he apologized to Audience Member 1.

D. Noble explained that he wanted to get to the right place with Audience Member 1. The property belongs to Audience Member 1 and Audience Member 1 has complete control over his own property. USACE Baltimore will work with Audience Member 1 to hopefully find solution that is agreeable to both parties.

Question from Audience Member 1 - Right. So, it is based on trust, yes?

D. Noble explained that he is absolutely sorry if that was the way the incident happened in the beginning, but hopes a solution is found in the end where Audience Member 1 is happy with the outcome. Having said that, USACE Baltimore leaves anomalies in the ground all the time, and knew that would happen going into the project. Decisions are made to excavate anomalies or leave the anomalies in place based on the data from the instruments or if anomalies are located under areas that are considered inaccessible. The areas are not technically impossible to excavate, but those areas are considered inaccessible.

Question from Audience Member 1 - I completely understand what you are saying; under a driveway full of rebar, or a tennis court, or someplace where it would take an act of nature to move this. I am talking about my front yard, by my walkway, leading into my house, in the root system of a tree. On your best day you are not going to convince me that is not accessible. The second part: yes, you can say, 'look, by this scan we are 95% confident it is a piece of rebar' or a reasonable measure, I am fine with that. But you could not do that, and the decision still was to leave it in place. This was a big miss, so the confidence level is low. I have neighbors now who are saying to me, 'what is the issue?' and I explain it to them, they are going, 'well, what else do we not know?' This is a problem.

D. Noble explained that in this particular case he hopes to get to a point with Audience Member 1 is satisfied with what has been done and that if USACE Baltimore does leave an anomaly in place, Audience Member 1 understands why and that the decision was made through a transparent decision-making process. D. Noble apologized to Audience Member 1 for the appearance of a lack of care from USACE Baltimore and agreed that appearance of lack of care is not right. USACE Baltimore will work with Audience Member 1. Generally, an item of vegetation is not going to stop excavation, no matter how large the item of vegetation, if the team determines there is an anomaly there that needs to be excavated.

Question from Audience Member 1 - You did not in this case.

D. Noble explained that a homeowner is allowed to tell USACE Baltimore, 'no, you will not dig that up.'

Question from Audience Member 1 - Agreed, but I am the one saying, 'please dig it up' so we are on the wrong side of this one. Again, it was handled really poorly.

D. Noble confirmed that USACE Baltimore is going to try to identify and/or excavate the anomaly.

Question from Audience Member 1 - Yes, but what it took for me to get us here and the headwinds I had to face just to have this conversation is absurd. So, please accept that.

D. Noble confirmed this and apologized.

Question from Audience Member 2 - I would also like to just question the idea that these are our

properties and in complete control by us. They are no longer. It is no longer in my control because my property has been devalued substantially from when I bought it. And so, I guess, thinking about it, like, I can make this choice and it is, like, nothing is going to really negatively impact me is just not an accurate statement. So, I would like to kind of reframe that concept that it seems like the Army Corps has with us, which is, 'you know what, you can do this, you cannot do this, it is up to you.' If we do not do it then we have to disclose to the next potential buyer that our property still has munitions on it, and it is past the time that it could be cleared. So, like, we are stuck here. I just feel very stuck in this situation and what I continue to hear is, 'well, you do not have to go through this process.' Like, yeah, I do not have to go through this process, but I have two little kids and we chose to live in this house for the next 20 years, I hope, but I do not feel safe in my backyard anymore and I certainly will not feel safe if we take out plants and I have 6 poplars that are 60-plus feet high that could fall on my house during the next rainstorm. I cannot seem to get good answers besides, 'just cut the roots down to the core and then do not plant anything else.'

Question from Audience Member 1 - I would make a strong case that you are not living up to your mission on the front of this document, and that is a problem.

D. Noble explained he was sorry Audience Member 1 felt that way.

Question from Audience Member 1 - But you were going to leave an anomaly in my yard. That is not remove, remediate. You have people not feeling safe.

Question from Audience Member 1 - You could not tell me what this was, and if there is a question mark, you should dig it up, and you were going to leave it.

D. Noble explained that is not how the technology works. Anomalies are excavated when the technology indicates that an anomaly is a target of interest (TOI). When the technology indicates that an item is an unknown but not a TOI, the item is left in place.

Question from Audience Member 1 - I asked that question, and that is not what I got. They could not tell me it was something they were not interested in. It was between the 'we know it is something bad' and 'we know it is something not bad.' So, in that case what do you do? I would hope you would err on the side of caution there.

D. Noble explained that Audience Member 1 pointed out the issue to USACE Baltimore and USACE Baltimore double-checked the data and agreed with Audience Member 1. USACE Baltimore intends to identify the anomaly.

Question from Audience Member 2 - What is tough about this is for me as the representative of this neighborhood I need to say to each and every homeowner, 'listen, you need to spend a ton of time dealing with this and ask every single question because it is possible that they are not going to disclose something.' I do not know, I like Whitney and Rebecca, but I am scared.

D. Noble explained that USACE Baltimore will disclose all the anomalies detected, targets excavated, and what was found in the excavations. The homeowner will know how many items were investigated and were determined not TOIs. USACE Baltimore will disclose if an anomaly is found and the decision was made not to excavate.

Question from M. Clarkson, At Large Representative - HMES - The anomalies that you do not dig up because they are in an area that is undiggable, do they get a clean bill of health if it does not meet the metrics of interest? Or is it something that you are not interested in digging up because it is in an area imbedded in tree roots or something. Do they get a letter saying, 'your yard is fine,'

or does the letter say, ‘you have metals or whatever in your yard’?

D. Noble explained that the assurance letter uses general language that simply states that USACE Baltimore conducted activities at a homeowner’s property, USACE Baltimore believes the requirements of the Site-Wide DD were implemented and DOEE and EPA agree, and that remediation is completed on the property. The letter will note if any items related to WWI were found on the property and will also note if no items related to WWI were found. The letter is a stopgap until the completion of all residential properties and the 13 federal/city lots. A final closure report will be written at that time that will supersede the assurance letter, and the assurance letter will no longer be necessary. The final closure report will state that everything has been completed according to the Site-Wide DD with concurrence from DOEE and EPA and include all the data collected. The final closure report is coming in several years, so to prevent the individual property owners from having to wait for the final closure report, USACE Baltimore will issue the assurance letters that state the remedial activities are complete on a homeowner’s property and the regulators have agreed the property is complete.

Question from Audience Member 2 - Is the assurance letter a one-page letter? Does it include the map that identifies?

D. Noble explained that the assurance letter will likely be 2 pages long. Each property owner will also be provided with a brief property summary report that includes activities conducted on the property, anomalies investigated, and items found. The property summary report will not contain the technical data that will be included in the final closure report that will satisfy the regulators. The property summary report will accompany the assurance letter and will be written as an easy-to-understand document with maps, likely no more than 8-10 pages in length.

Comment from Audience Member 2 - Ok, and that is what we give to a potential buyer.

Comment from Audience Member 1 - I will show you mine, I have got one from the last time.

Question from Audience Member 2 - But had you not asked the question about, ‘what is this?’

Comment from Audience Member 1 - I would not know.

Comment from Audience Member 2 - You would not have known it but a lawyer who was pouring over documents for the next buyer might have seen it.

D. Noble explained that he believed the anomaly would have been re-visited during the review process and investigated again. Audience Member 1 raised the issue before USACE Baltimore reviewed the anomaly and verified the data.

Comment from Audience Member 2 - The work that has been done on the Dalecarlia Parkway has impacted the noise in our area substantially. The large trees are still there, everything small has been removed and what it has done is it has removed our 20-foot sound barrier that we had between Dalecarlia and so now it is really loud. Has there been a discussion on what the solution is for restoring that sound barrier for the neighbors impacted by this?

Comment from Audience Member 3 - My house was probably the most severely impacted. I am on 52nd Terrace and I own property to the fence and then it is about 20 feet to Dalecarlia. My house has completely changed, changed my safety, a single mom with 3 kids, one is 8, one is special needs. I mean, I see every car and I have pictures before and after, and it was safe and secure and now I feel I have to get a security camera. You can see right into my back windows and everything was like a canopy, very safe, and a sound barrier. All the bedrooms face the back.

Also, it seems trivial because safety first, but you just completely devalued my property.

D. Noble asked Audience Member 3 to clarify if she meant her property was devalued because of the removal of the city vegetation.

Comment from Audience Member 3 - Yes. And you took down trees. I mean, I saw it. You did take down trees.

D. Noble confirmed that small trees were removed from Dalecarlia Parkway.

Comment from Audience Member 3 - Yeah, and I was very lucky, it was not bamboo, which made it beautiful, but I do not know where to go with the fact of you did change our way of life for sure and also devalued my property substantially.

D. Noble explained that a similar investigation was conducted in the same areas in 2010-2011. Mid-level and low-level brush were removed at that time as well. The vegetation removed was in an area that would have been cleared in the same way 2010-2011. No complaints were received from residents at that time, so USACE Baltimore was not aware of the dramatic impact. Since the residents brought it to USACE Baltimore's attention, D. Noble will contact the city, owner of the property, and discuss the issue. USACE Baltimore restores city property in the manner that the city requests. To date, the city's request has been for USACE Baltimore to replace the same number of tree inches when trees over a certain caliper are removed. USACE Baltimore replaces the tree inches in places that the city designates, not necessarily in the same spot where trees were removed. During this investigation, USACE Baltimore is not removing large trees so there were no plans to perform re-planting, but USACE Baltimore is not opposed to re-planting trees if the restoration would be satisfactory to the city. The plants would still take time to grow back to lushness and the screening quality.

Question from Audience Member 1 - So, are you taking more of Dalecarlia or are you done?

D. Noble explained that he was not sure if all of Dalecarlia Parkway has been cleared yet. That does not mean that the team is not working on a larger part of the area.

Comment from Audience Member 2 - What has been done on the right side?

D. Noble explained that the right side of Dalecarlia Parkway is not being shown as completed because there are several steps to the process that must be completed.

Comment from Audience Member 2 - Yeah, so there has been a little bit that has been done on the right side that is not showing. So, for instance, on 52nd Terrace, there has been a bunch here. We just walked and filmed it.

D. Noble asked Audience Member 2 to clarify when she said, 'a bunch.'

Question from Audience Member 2 - Removal. So, this map is not up to date. So, on this side for instance, like, all through here is complete, but then this is not complete. We are just wondering, you are planning to do the rest of this, right?

D. Noble confirmed that the areas highlighted in blue must be completed. The map is not showing where only clearing has been done. The map is only showing areas that all steps of the process have been completed, up to examining all the anomalies. It is possible that some of the areas are partially cleared and some areas have not been cleared yet. The whole strip highlighted in blue is what is yet to be done along Dalecarlia Parkway.

Question from Audience Member 3 - Where do find the results of what has been cleared in the 20 feet from my fence, my property line to Dalecarlia?

D. Noble asked if Audience Member 3 meant what was found in that area during investigation.

Question from Audience Member 3 - Yes. How do we find the results of what you found, because obviously I would like to know?

D. Noble explained that USACE Baltimore will continue to update the findings and fill in the map at the RAB meetings. The final closure report will include all the data for all the acreage in the investigation. An interim report or interim assurance letter is not available, the city has not requested those documents.

Question from Audience Member 3 - Is DC ultimately in control of planting the trees? Who would physically sign off on planting more trees to give a sound barrier?

D. Noble confirmed this and explained that USACE Baltimore works with the District Department of Transportation (DDOT) because it is their right-of-way for the road. USACE Baltimore discusses with DDOT if a large tree must be removed in the right-of-way. Generally, the right-of-ways are not park areas or have large trees, DDOT requests that USACE Baltimore clear the areas, take the debris away, and the vegetation will grow back. In the past, DDOT has allowed the small vegetation to grow back on its own. If it is a bamboo area, the bamboo will likely be back next year.

D. Noble confirmed that USACE Baltimore will meet with the city and discuss restoration of the intermediate vegetation. D. Noble was not sure what types of plants would be appropriate, but USACE Baltimore would consult the landscapers. Restoration cannot begin until all excavation is completed, and the areas might be barren during that time. Even after replanting, the vegetation may take time to return to the previous condition.

Question from Audience Member 3 - My kids call it the forest, it was literally a forest. In the fall it will be quite even more barren, which is concerning.

Question from L. Miller, Community Member - Would you want them to put in a line of bamboo?

Comment from Audience Member 3 - That would be great.

D. Noble explained that he did not know if the city would allow USACE Baltimore to plant bamboo. The city would have to approve any vegetation that is planted.

Question from Audience Member 3 - So, even if I wanted to plant it, I would have to get the city's approval?

D. Noble explained that he did not know that city's policies on the right-of-ways.

Question from G. Vassiliou, Community Member - Have you reached out to the city by any chance, calling somebody?

Comment from Audience Member 3 - No, I do not know who to call, I am new to the neighborhood.

Comment from L. Miller, Community Member - Dan, I think it might be helpful to get Casey Trees involved on that question. Casey Trees, which has funds, plants trees all over the city, and knows a lot about what trees will grow quickly.

Question from G. Vassiliou, Community Member - Who is that, Larry, a company?

Comment from L. Miller, Community Member - Casey Trees is a foundation, and no, they do not normally plant street trees, but they have foundation funds. But they have experts. The city has some pretty good people in urban forestry, but Casey Trees has some terrific people.

Comment from J. Wheeler, Community Member - I think it would be good for you to get to know who your city arborist is for your area. There is at least 3 arborists for Ward 3. At one time, every arborist in the city lost their job, but now DC has good arborists and you can get to know them. Also, through the 311, I think that is the process, you can specifically request what you want, and the city will respond to that. You can actually request, 'I want a willow oak planted in this tree box in front of my house,' and the odds are pretty good that will happen. You can even say, 'I do not want a tree planted in front of my house,' and that might not happen either. But that process works, and it will, within a day, go to the Urban Forestry Administration, which is part of DDOT.

Question from Audience Member 3 - So, who would take the lead on that, me?

Comment from J. Wheeler, Community Member - Yes. Let us not say lead. It always helps to push the system. There are people there who are looking at the big picture; you want them to look at your little picture. So, that is the Urban Forestry Administration. I think there is 3 arborists that are part of Urban Forestry Administration, that is part of DDOT that work in Ward 3. One of them is working your area, I do not know who that is. I have gotten to know mine, the arborist that does my area and have gotten great results.

Comment from L. Miller, Community Member - So, Dan, that would not mean that the Corps would not be pursuing something with the city, various approaches.

D. Noble reiterated that he intends to follow up with the city and ask about restoration beyond the agreement on large caliper items conducted in the past.

Question from Audience Member 3 - Ok, great, thank you.

D. Noble explained that he was sorry he could not fix the issue overnight.

Question from Audience Member 3 - I understand. I am just glad they are listening and hopefully that will lead to action. I understand that it could be a slow process, but as long as we are moving forward, I would really appreciate it.

A. Upcoming Meeting Topics

- Groundwater FS Study/Policy Issues between USACE, EPA, and DOEE
- Site-Wide RD/RA
- 4825 Glenbrook Road/4835 Glenbrook Road

B. Next RAB Meeting:

Tuesday, September 10, 2019

C. Open Discussion

V. Public Comments

VI. Adjourn

The meeting was adjourned at 8:47 PM.