

Inter-Agency Partners Meeting

Tuesday, August 11, 2015				[**Upcoming Meetings: October]
TIME	TOPIC	DISCUSSION LEADER	PREPARATION	OBJECTIVE
9:15 - 9:30	Check-in / Review Ground Rules	D. Noble		Introductions of new attendees / Personal check-in / Review Ground Rules.
9:30 – 9:45	Groundwater	D. Noble		Update.
9:45 – 10:15	4825 Glenbrook Road	B. Barber/Parsons		High probability work progress.
10:15 – 10:30	BREAK			
10:30 – 11:00	Remedial Investigation/Feasibility Study	D. Noble / T. Bachovchin		Update.
11:00 – 11:45	Remedial Investigation/Feasibility Study	D. Noble / T. Bachovchin		Pilot Project Update.
11:45 – 11:55	Open Issues and New Data	D. Noble		
11:55 – 12:05	Partners' Parking Lot	D. Noble	Partners Review	
12:05 – 12:15	Agenda Building	D. Noble		** Future Meeting Discussion.
12:15	Adjourn	D. Noble		

**Spring Valley Partnering Meeting
August 11, 2015
Spring Valley Project Trailers Conference Room**

Name	Organization/Address	
Sherri Anderson-Hudgins	USACE - Huntsville	X
Thomas Bachovchin	ERT	X
Brenda Barber	USACE - Baltimore	
Todd Beckwith	USACE - Baltimore	
Janelle Boncal	Parsons	X
Bethany Bridgham	American University	X
Sean Buckley	Parsons	
Paul Chrostowski	CPF Associates, AU Consultant	X
Tom Colozza	USACE - Baltimore	
Jennifer Conklin	DOEE	
Kathy Davies	EPA – Region III	
Laura Williams and Jessica Greene (in place for Peter deFur)	Environmental Stewardship Concepts/RAB TAPP Consultant	X
Diane Douglas	DOEE	
Bill Eaton	URS	
Alma Gates	RAB Member – Horace Mann Representative	
Steven Hirsh	EPA –Region III	X
Dawn Iovan	EPA – Region III	
Carrie Johnston	ERT – Community Outreach Team	
Julie Kaiser	USACE - Baltimore	
Rebekah McCoy	ERT	X
Dan Noble	USACE - Baltimore	X
Cliff Opdyke	USACE - Baltimore	
Randall Patrick	Parsons	X
Amy Rosenstein	ERT (Risk Assessor, Independent Consultant)	

Don Silkkenbaken	Parsons	
Jim Sweeney	DOEE	X
Tenkasi Viswanathan	USACE – Washington Aqueduct	
Cheryl Webster	USACE - Baltimore	
Ethan Weikel	USACE - Baltimore	
Nan Wells	ANC 3D Commissioner	
Maya Werner	ERT	
Kellie Williams	USACE - Huntsville	
Bruce Whisenant	USACE - Huntsville	X
Rebecca Yahiel	ERT – Community Outreach Team	X
Alex Zahl	USACE - Baltimore	X

Summary of 11 August 2015 Spring Valley Partnering Meeting

Consensus Decisions

- None

11 August 2015 Action Items

- USACE will send the regulatory Partners the Draft RFP for the pilot study before it is finalized.
- USACE will schedule a site visit to 4825 Glenbrook Road if no high probability is taking place at the next Partners meeting.

Tuesday 11 August 2015

Check-in

The Partners conducted their normal check-in procedure.

A. Groundwater Study Efforts

The goal of this segment of the meeting was to provide an update on ongoing and upcoming groundwater study efforts.

U.S. Army Corps of Engineers (USACE) provided a brief update on the status of groundwater study efforts and the Groundwater Remedial Investigation (RI) report.

A comment from the Omaha Center of Expertise (CX) has not been resolved and is currently delaying the Groundwater RI report. The issue is being elevated to the North Atlantic Division and it is hoped that the issue will be resolved shortly. Comments from the CX are either labeled ‘significant’ or an ‘observation.’ Significant comments must be responded to and the CX must accept the response to move forward. The CX accepted all responses except for one. After multiple meetings between USACE and the CX to

resolve the issue, it was decided to elevate the issue to the North Atlantic Division. The delay is expected to be around one month.

The finalized and validated data was received from the last sampling event of the multiport well on Rockwood Parkway that took place in June 2015. Sampling results indicate all 5 sampling ports were non-detect for arsenic and perchlorate.

No additional sampling is planned for the rest of the calendar year. Currently, there are no future plans regarding sampling until we move into Remedial Design/Remedial Action.

Discussion

EPA asked if the comment from the CX was an issue about funding.

USACE replied that it was not. It is an issue about reasonably anticipated future use.

B. 4825 Glenbrook Road Remedial Action

Parsons presented an update on the 4825 Glenbrook Road Remedial Action effort.

1. Recent Intrusive Operations

Excavation continued behind the former house (Grid 50, -30) and the wall adjacent to the southern property line (Grid 30, -10). All soil has been removed from underneath the crawl space down to the footer and the teams have begun taking down the wall. No detections of agent or agent breakdown products have been observed in any of the recent soil samples.

Three intact containers were encountered in Grid 30, -10. Two were intact, empty 75mm projectiles, neither of which contained energetics. One 75mm was found on Friday July 31, and the second on Monday August 3. One metallic cylinder with approximately 40 percent liquid fill was encountered on Tuesday August 4. The item underwent Portable Isotopic Neutron Spectroscopy (PINS) analysis on August 6 to identify its contents. Preliminary results from the Munitions Assessment Review Board (MARB) stated that the item contained bleach.

As of August 6, 81 Roll-Offs and 421 Soil Drums totaling 701 cubic yards under the second tent location have been removed. Fifty-Two pounds of accumulated scrap glass have cleared headspace and been removed. Hazardous waste (drums of decontamination water, soil, and personal protective equipment (PPE)) continues to be shipped to Veolia in Port Arthur, Texas. Four tractor-trailer loads were shipped on July 29.

Parsons will continue excavating along the southern property line. Once that area is cleared, the teams will begin working towards 4835 Glenbrook Road by removing the basement wall, footers and a portion of the basement floor inside the Engineering Control Structure (ECS). Since all soil samples have come back clean to date, the demolished basement wall will not have to be sent out as hazardous waste. Therefore, it does not need to be broken up into small pieces, resulting in time saved.

The site will shut down for Labor Day on September 7. Early start times are continuing due to the summer heat. One to two Level B teams are able to work before the weather becomes too hot for Level B work to continue. The schedule was built on previous experience and work remains on track for second tent completion in early December.

Discussion

EPA asked if anything was found under the crawl space, where USACE had been told items would be.

USACE replied that that information was in the interview transcripts of workers provided by a community member, however nothing was found other than some scrap glass and crockery pieces. All samples have come back clean and the concrete in the area is currently planned on being disposed of as uncontaminated.

USACE stated that there was about two feet of soil that could not be removed during the first tent location due to the location of the ECS. USACE asked if the latest items were found in that area or further back from the house?

Parsons clarified that the latest items were found in the southeast corner of the basement near the southern property line; not in the area where the soil could not be removed during excavations in the first ECS location.

EPA asked what the tube down the center of the liquid filled cylinder was.

Parsons explained that it appeared to be a burster-well.

USACE stated that they could not call the cylinder a Livens because a Livens would have had a neck and ports. Items such as this have been found at other sites according to USACE Huntsville. They possibly were spray cylinders that were used to spray bleach for decontamination.

EPA stated that it is almost like a fire extinguisher.

USACE Huntsville replied yes. Originally the team called the item 'Livens-like' because it was not the size of a Livens projectile. However once the item underwent PINS analysis and sent to MARB, it was revised to be a decontamination item. Research into trench mortars also did not show a match. Livens projectiles are designed with very thick walls and this item has very thin walls according to USACE Huntsville, but all details would need to be verified by an OE specialist.

EPA asked what the Maximum Credible Event (MCE) for quantity of liquid was.

USACE stated that it was based on one Liter (L) of lewisite. However, the public protection plan line is drawn based on arsenic trichloride because it is more conservative than the safety distance for one L of lewisite.

CPF Consultant asked if research was done to compare molecular chlorine gas to lewisite or arsenic trichloride, assuming that this liquid could form molecular chlorine gas.

USACE replied that nothing has been done beyond the PINS, unless Chemical Materials Activity (CMA) at Edgewood asks for additional information, USACE will be disposing of the item. If help is needed, CMA will assist.

AU asked if the air monitors (MINICAMS) inside the structure were designed to pick up hydrogen chloride and chloride gas?

USACE stated that the MINICAMS would not detect chloride, but other industrial monitors are present that would. No hits were recorded on the MINICAMS.

USACE explained that a similar cylinder, that was a munition item, was found at Spring Valley in the past and contained bleach fill. It is unknown why a munition would have a bleach fill. The item was 80 to 90% full. Apparently, bleach has been found often enough that it is in the PINS library. The confidence is extremely high that it is bleach. Pictures showing cylinders used for spreading decontaminants have been found in historical reports.

EPA asked if USACE could share the MARB report when it was final. USACE agreed.

AU asked when the high probability activities at this second tent location were going to be complete.

Parsons explained that excavation activities would be completed about a week before tent completion. Cleanup, decontamination, servicing equipment and other activities will be a part of the shutdown week.

AU requested an estimated start date for the activities under the third tent.

Parsons stated that they are planning for a team to be onsite in mid-January to start construction. It will take approximately a month to construct the third tent. Current schedule shows high probability activities resuming under the third tent in March 2016. The third tent has smallest anticipated volume of soil to be removed.

C. Site-Wide Remedial Investigation/Feasibility Study

USACE provided an update on the status of the Final RI report, the Feasibility Study (FS), and the pilot study project.

1. Final RI Report

Hard copies of the Final RI report were sent out. USACE will provide additional copies if requested.

Since the RI report was finalized, there were three editorial changes. USACE found a good copy of the 1986 EPIC report Volume II with maps. USACE-Baltimore's technology team is working on digitizing the documents. It will be added to Appendix D (the reference appendix) in the RI Report. Since Appendix D is electronic only, everyone will be sent a new DVD.

Peter deFur had observed that USACE needed to make a statement explaining that if a landowner never grants permission to investigate the property, USACE needs to acknowledge that they will not be able to complete the work that was planned at that property. Language was added to the Final RI to that effect. The RI report also now clarifies that the 10 property owners either did not grant Right-of-Entry or that USACE was never able to locate the property owners. Replacement pages for the hard copies of the RI will be sent out.

The section of the RI documenting responses to all of the Partner comments had not been updated to include AU responses to USACE responses. That section has been updated and everyone will be sent page changes for their hard copy.

2. Feasibility Study (FS)

The review of the Draft FS was completed internally by USACE-Baltimore and was submitted to the Omaha CX. For the FS, a review by the Public Health Command is not required. Last week, comments were received from the CX and are in the process of being reviewed by USACE. USACE-Baltimore notes that some CX comments seem to be more RI than FS oriented. USACE will consider asking the CX to change some comments from 'significant' to 'observation.' USACE is hoping to provide the Draft-Final FS to the Partners by the end of August.

Discussion

ERT stated that some of the CX 'significant' comments reviewed items that had been decided years ago, such as grid sizes, and that cannot be changed at this point. Another comment stated that technically the FS should not present a preferred alternative since it is formally declared in the Proposed Plan (PP). Complying with this comment would result in the FS providing detailed analysis without a conclusion, possibly confusing some readers with analysis without a conclusion. USACE-Baltimore explained that it was OK with some level of a conclusion so long as it was not a direct selection of a preferred alternative.

EPA suggested adding a statement that a particular option is not the "preferred alternative" but fits all the criteria. If you take out the words "preferred alternative", it might satisfy the CX.

USACE stated that their preference with the FS is to give the Partners an idea of their preferred alternative.

EPA agreed that it is potentially confusing to not have a conclusion. Formally, the “preferred alternative,” is presented to the public in a PP. However, this does not necessarily mean that you cannot conclude it in the FS.

Another CX comment stated that the document was more of a Focused FS (FFS) as opposed to a traditional FS, but CENAB did not agree and there was no good rationale to change the document at this point.

USACE-Baltimore explained that this particular comment was ‘observational’ and therefore they had discretion in how to respond; USACE-Baltimore did not believe there is not a strong enough reason to change the title of the document.

Discussion with CX is expected in the next few weeks to move towards presenting a draft-final to the Partners.

3. Pilot Project

The pilot project is moving forward. Everyone is confident in the technology but it was agreed that many of the applications of Advanced Classification (AC) technology have not been at sites like Spring Valley. The pilot project would make sure that the equipment available and the processes and procedures it would take to complete the work would be successful. The technical team at USACE would select the specific properties during the pilot stage. A variety of properties would be chosen.

Contractor assistance would be needed to complete the pilot project and the issuing of the task order to a contractor to complete the work is projected for December 2015/January 2016. USACE plans to instruct the contractor to purchase an AC unit that would become property of USACE at the end of the project. It would be quicker for the contractor to acquire a unit than for the government to procure one.

December 2016 is the target completion date so that results can be obtained while the Decision Document is signed and before remedial work begins on the approximately 100 properties. Due to the tight schedule, the chosen properties for the pilot project would include properties where geophysics was already conducted. About half of these properties already had investigative geophysics completed. Those properties will include small and large properties, ones with slopes, lots of hardscape, etc. The USACE technical team will evaluate the properties and begin the process. USACE will soon be working on contracting actions. The Partners will likely see additional information in early 2016.

Discussion

EPA wanted clarification on the technical team.

USACE explained that the technical team would include geotechnical and geophysical folks from Baltimore and Huntsville. One limiting factor to the number and type of properties that will be chosen is that the pilot project needs to be completed by the end of 2016. The team will take into consideration properties that the Partners favor completing.

MetalMapper or the smaller Man Portable Vector 3D (MPV 3D) may be used in the pilot project. However, USACE stated that they are concerned about the availability of the units, since units will need to be built.

EPA stated that Time-Domain Electromagnetic Multi-Sensor Tower Array Detection System (TEMTADS) is easier to obtain. However, companies want their instruments to be used to show that they could work. The companies have contacted government projects before in order to see how their unit was going to work, such as at Wallops Island.

ERT stated that even with TEMTADS, you may not be able to get one “off the shelf.” Time to build a unit needs to be built into the schedule.

EPA asked that when USACE has the request for proposal (RFP) completed, the Partners should see the request to provide input.

USACE agreed to go through the draft RFP with the Partners.

D. Open Issues and New Data

1. Agency for Toxic Substances and Disease Registry (ATSDR)

EPA asked if there was any additional information regarding the ATSDR document.

USACE replied that they received a draft in June 2015 and submitted their comments to ATSDR. ATSDR confirmed that they are working on the response to comments. Previous ATSDR documents for other sites have taken two and a half years after comments were sent. The conclusion from a previous draft was that there is a possibility that there may have been a negative impact at 4825 Glenbrook Road, but they could not say for sure.

DOEE stated that the ATSDR’s conclusion was that the negative impacts are more than twenty years old for people who worked on the site and ATSDR is suggesting that medical monitoring be done for those people. However, we do not know who those people are.

USACE stated that they have identified a few individuals in the last twelve months.

EPA asked if that included the people who used to live at the property adjacent to 4825 Glenbrook Road to the south. . USACE stated no, ATSDR was asked to look at 4825 Glenbrook Road. ATSDR may have expanded the scope a little bit because the same company built the adjacent property to the north of 4825 Glenbrook Road, but not the property to the south. .

2. Deputy Assistant Secretary of the Army (DASA) for Environment, Safety and Occupational Health (ESOH) Visit

Mr. Hershell Wolfe, the former Deputy Assistant Secretary of the Army (DASA) for Environment, Safety and Occupational Health (ESOH), has retired. Mr. Eugene Collins is the new DASA (ESOH) and will be coming for a site visit in the fall.

E. Partners Parking Lot

The goal of this segment of the meeting was to review and update the Parking Lot list.

The Partners agreed there was nothing new in the Parking Lot.

F. Agenda Building

The next meeting is scheduled for 3 November 2015.

If high probability activities at 4825 Glenbrook Road have concluded or paused under the current ECS location a site visit during the next Partnering meeting was requested.

H. Adjourn

The meeting was adjourned at 10:53 a.m.