

Final

Ravenna Army Ammunition Plant Restoration Advisory Board (RAB) Meeting 16 November 2016

1. Call to Order & Reading of Minutes

The Ravenna Army Ammunition Plant (RVAAP) Restoration Advisory Board (RAB) meeting for the Installation Restoration Program was called to order by Mr. Tom Tadsen, Community Co-Chair, of Franklin Township at 6:04 p.m. Wednesday, November 16, 2016 at the Portage County Office of Homeland Security, 8240 Infirmary Rd., Ravenna, Ohio 44266 (Shalersville Township).

Meeting attendance was recorded as 18 members present, 5 excused absent and 2 unexcused absent (Mr. Roger Root and Ms. Irene Glavies-Lutz).

Tom Tadsen (Franklin Twp) asked if everyone received and had a chance to review the minutes from the last meeting. James Dipaola of Ravenna Township made a motion to suspend with the reading of the previous meeting's minutes. The motion was seconded by George Tompkins of Paris Township. Tom Tadsen asked the board members if they had any additions or corrections to the minutes. There were no comments or changes from the RAB members present. Tom Tadsen called the motion to question... "All those in favor please say 'Aye'," "All those opposed." There were no members opposed so the motion carried, and Tom Tadsen announced the minutes were approved as printed.

2. Safety Minute

Kevin Sedlak, (Paris Township) the Army National Guard Restoration Project Manager at Camp Ravenna, gave the safety minute discussion. The safety minute reviewed active shooter preparedness as described by the Office of Homeland Security. PowerPoint slides of the presentation can be found at www.rvaap.org.

3. General Business

Tom Tadsen (Franklin TWP) Community Co-Chair suggested the board suspend the general business items to the end of the meeting. Ryan Shackelford, Portage County Office of Homeland Security and Emergency Management made the motion and it was seconded by Dan Spicer of Paris Township. The board had no object objections or conflicts with the motion. Mr. Tadsen announced that the motion carried and the general business would be discussed following the speakers.

Tom Tadsen introduced the first presenter, Kevin Sedlak, (Paris Township) the Army National Guard Restoration Project Manager. He asked that questions be held until the end of each presentation. Questions by RAB members will be addressed first, followed by any from the general audience.

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4. Update for the Groundwater and Environmental Investigation Services for the Ravenna Army Ammunition Plant Restoration Program, Kevin Sedlak, the Army National Guard Restoration Project Manager.

Mr. Kevin Sedlak, the Army National Guard Restoration Project Manager, provided an update presentation on the Groundwater and Environmental Investigation Services for the Ravenna Army Ammunition Plant Restoration Program at Camp Ravenna, Portage and Trumbull Counties, Ohio. To request a copy of the formal presentation please contact the RVAAP RAB Administrator at (330) 872-8010, rebecca.shreffler@vistasciences.com or visit www.rvaap.org.

Following the presentation Tom Tadsen (Franklin TWP) opened the floor for questions by RAB Members.

Joe Beutler (Charlestown Twp) asked Mr. Sedlak to explain how the wells would be abandoned. Mr. Sedlak answered method used to abandon the wells depended on the type, depth and condition of well. Wells can be abandoned using different types of grout, slurry, or pellets. At the surface if concrete pads are present they will be removed, some backfill and grading may be necessary. In most cases the casing will be removed to below grade. Open wells are a conduit to the aquifer so if there is no further need for the well it's best to seal it.

Tom Tadsen (Franklin Twp) asked what regulatory agency would be overseeing the abandonment plans. Plans will be reviewed by the Army National Guard, the Ohio Army National Guard and the Ohio EPA.

Dan Spicer (Paris Twp) asked about the spacing of the 3 wells located around Substation 3 and the depth of these wells.

Mr. Sedlak answered these wells were in the unconsolidated aquifer and noted their proximity to a swamp as seen on a map view. He estimated these wells to be approximately 25 feet deep.

Dan Spicer (Paris Twp) followed up, asking if there was contamination in the groundwater in this area, wouldn't it already be present in the swamp/wetland area?

Mr. Sedlak answered if the constituent of concern, in this case toluene, were present in the swamp it would be gone by now. In the wetland it would be exposed to oxygen, sunlight, bacteria, water, etc. and would have been broken down.

Sarah Lock (Paris Twp) asked where the maps could be found and if they were available online. The maps are a part of the draft Remedial Investigation Work Plan and is available on the Restoration website (www.rvaap.org). The draft has received Ohio EPA concurrence and the final document is forthcoming.

Mrs. Lock asked then asked what was included in a "full suite" of analytical testing.

Mr. Sedlak stated there are a variety of constituents in the full suite such as explosives, SVOCs, VOCs, metals, anions, cations, pesticides, herbicides, propellants and PCBs.

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Following this, Kevin Palombo, Ohio EPA representative to the RAB, added that the Ohio EPA has been and will continue to be very involved in the development of this project. Once data starts to come in they will be able to better assess if any contamination is present, where it is located, the limits, if wells are needed down gradient, etc. If there is a hint of anything of concern all parties involved want to catch it and determine the extent. Migration is and has always been a very important concern.

James Mayer (Garrettsville Twp) asked that with the new wells across SR-5 being located so close to the RR tracks are there concerns that some contaminants from the railway will be found that are not associated with RVAAP?

Mr. Sedlak stated that depending on the contaminant in questions, the team should be able to discern between RVAAP and railway related constituents.

Mr. Palombo also added that the wells across SR-5 were developed to follow specific contaminants, HMX and RDX, which are explosives and not typical railway concerns. There will be metals that are high given backgrounds of the area, but hopefully there will not be any unanticipated results.

This concluded questions on the Groundwater and Environmental Investigation Services presentation. Tom Tadsen then asked for any further questions and there were no responses. Mr. Tadsen then introduced the next speaker.

5. Bank Stabilization and Culvert Replacement at ODA2, Scott Nesbit, PE, Project Manager, Tetra Tech.

Mr. Scott Nesbit, Project Manager, Tetra Tech, gave a presentation on the Bank Stabilization and Culvert Replacement project at ODA2. To request a copy of the formal presentation please contact the RVAAP RAB Administrator at (330) 872-8010, rebecca.shreffler@vistasciences.com or visit www.rvaap.org.

Following the presentation Tom Tadsen (Franklin TWP) opened the floor for questions by RAB Members.

Tom Tadsen (Franklin Twp) asked how the variety of trees was decided. Mr. Nesbit explained the species and selection of trees was outlined in the Scope of Work for the contract. Katie Tait of the Ohio Army National Guard added that the tree varieties was chosen by the National Resources Manager.

Mr. Tadsen then followed up with a question about the deer population eating the tree foliage. Mr. Nesbit said thus far there are no signs of deer eating or disturbing the trees that have been planted.

The questions then moved to the diversion channel and the bypass of the stream flow while the Sand Creek Culvert replacement is being installed. The bypass capacity was stated at 700 gallons per minute, Mr. Tadsen asked if the bypass capacity could handle a large storm. Mr. Nesbit stated that the bypass could not handle a large storm but given the time of year it is unlikely. They will be monitoring the weather and will schedule work accordingly.

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Mr. Tadsen then asked about the cold and how this affects the project. Mr. Nesbit agreed that the cold weather does pose challenges, but with the timing of report approvals and permitting, the project ended up at this time of year.

Kevin Palombo of the Ohio EPA asked if more stone would be dropped around the toe of the road and if the size of the plunge pool would change. Mr. Nesbit stated the stone would be placed north of the stream, not directly in the stream. The immediate plan is not to change the plunge pool size but some changes are expected over time.

Brian Miller (Windham Twp) asked if the grass seed would still be put down in December. Mr. Nesbit explained that the ground could not be left bare, it would be seeded and covered with Jute, then checked in the spring to make sure there is growth.

Dan Spicer (Paris Twp) asked Mr. Nesbit to explain Jute. It is a type of mesh erosion control mat. The seed mix used is a "Camp Ravenna" mix approved by the Fort Ohio Environmental office. Mr. Nesbit stated the time of seeding is not ideal, but TetraTech will follow up to make sure there is adequate growth and coverage.

James Mayer (Garrettsville Twp) asked if the road and culvert being replaced was constructed with the original construction of RVAAP or has been replaced. Katie Tait stated there was MEC found in the soils so the culvert had to be replaced. She believes it was in the 1960's but is not positive.

Mr. Mayer then asked about the feasibility of using saplings from Camp Ravenna rather than buying them from a nursery. It was discussed that though this would be a good idea, the cost of harvesting that many saplings without disturbing the established forest would be difficult, time consuming and more expensive.

This concluded questions on the Bank Stabilization and Culvert Replacement project at ODA2 presentation. Tom Tadsen then asked for any further questions and there were no responses. Mr. Tadsen then introduced the next speaker.

6. RVAAP Restoration Program 5-Year Review Process, James Stackowski, PE, Environmental Engineer, US Army Corps of Engineers, Buffalo.

Mr. James Stackowski, PE, Environmental Engineer, US Army Corps of Engineers, Buffalo, gave a presentation on the RVAAP 5-Year Review Process at Camp Ravenna. To request a copy of the formal presentation please contact the RVAAP RAB Administrator at (330) 872-8010, rebecca.shreffler@vistasciences.com or visit www.rvaap.org.

It was suggested that any public notices regarding the RVAAP Restoration Program be included in a Youngstown newspaper in addition to Portage County newspapers. A complete media list can be found in the most current Final Community Relations Plan (Present version 2016) on the Public Participation tab of www.rvaap.org.

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Following the presentation Tom Tadsen (Franklin Twp) opened the floor for questions by RAB Members.

Mr. Tadsen asked Mr. Stackowski to review slide 15 again. Slide 15 was an overview of Land Use Controls. These are sometimes part of the remedy at a site and depend on what was done and the requirements of the remedy. Mr. Tadsen also asked if the review team visited all 7 sites. The team did do a site visit to all 7 sites and looked at the condition of the wells, the LUCs in place, monitoring and inspection reports.

Another component of the 5-year Review Process is interviews. Mr. Tadsen asked if there was still time to add interviewees if any RAB members were interested. Mr. Stackowski said yes but they would need to be submitted soon. If any RAB members were interested in completing a questionnaire they were instructed to see Rebecca Shreffler after the meeting and she would forward their contact information to Mr. Stackowski.

Mr. Tadsen then asked if the review team looked at the presence of aluminum in wet sediment at Load Line 12. Mr. Stackowski stated aluminum was not one of the contaminants of concern identified in the ROD (Record of Decision). The 5-year review only focuses on what was identified in the ROD. Katie Tait, Camp Ravenna Environmental, stated the wet sediment is currently being addressed in a Remedial Investigation/Feasibility Study at the site.

Todd Brewster (Braceville Twp) asked if the 5-year review considered anything outside of the scope of the ROD.

Mr. Stackowski stated the focus of the review is as required under CERCLA (Comprehensive Environmental Response, Compensation and Liability Act). All reviewers are a little different but there are CERCLA guidelines and its focus on consistency. The ROD is the main decision document.

Katie Tait added there is still ongoing investigations at these sites and if there are any future concerns that are not addressed in the current ROD they will be included in the next 5-year review.

Mr. Tadsen asked if anyone who was interested in completing a questionnaire for the 5-year review, that they contact Rebecca Shreffler, RAB Administrator, within the next 3 days. This concluded the questions on the presentation of the 5-Year Review Process.

7. General Business

The first order of business was scheduling the next meeting. Tom Tadsen (Franklin Twp) Community Co-Chair suggested next meeting be a site tour held on Wednesday, May 17, 2017. The board had no object objections or conflicts with this date.

The next order of business was a review and discussion to update the current RAB Operating Policy, last updated June 19, 2014. It was decided by the board that any

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suggested changes to the Operating Policy be submitted no later than 14 April 2017 to Rebecca Shreffler, RAB Administrator, for review and discussion at the next meeting. Copies of the Operating Policy were handed out to members and the meeting and can be found on www.rvaap.org.

The meeting was adjourned by Tom Tadsen at 8:14 p.m.

Respectfully submitted,

Rebecca Shreffler, RVAAP RAB Administrator

Approved 17 May 2017