

**Ravenna Army Ammunition Plant
Restoration Advisory Board (RAB) Meeting
June 20, 2012**

1. Call to Order & Reading of Minutes

The Restoration Advisory Board (RAB) meeting for the Ravenna Army Ammunition Plant (RVAAP) was called to order by Tom Tadsen at 6:04 p.m. at the Freedom Township Hall, Ohio.

Roll call was conducted by Christy Esler and meeting attendance was recorded as Meeting attendance was recorded as 16 members present, 2 excused (Jay Abercrombie & Sarah Lock) and 6 absent (James DiPaola, Irene Glavies-Lutz, Richard Poots, George Tompkins, Howard Furl, John Barber).

Tom Tadsen directed that the minutes approval would be held until the end of the meeting due to a revised copy be distributed as members arrived.

Tom Tadsen announced that LTC Meade was sitting in for Mark Patterson. LTC Meade then introduced Katie Tait. Katie Tait proceeded with introducing herself to the members and explained her environmental studies background and experience.

Tom Tadsen deferred to LTC Meade for a transition update. LTC Meade stated that the National Guard Bureau is in process of transferring the remaining 1260 acres. Ohio Army National Guard would then have total management of the facility. The time goal for this is anticipated to be the end of September. The cleanup procedure will be handled by NGB with the assistance of OHARNG. He further stated they were in the process of hiring a facility manager and that person would become the RAB Co-Chair. They are in the interview process currently and in the next 30-60 days a selection would be made. The roles and responsibilities of this person would be similar to that of Mark Patterson.

Tom Tadsen: Does anyone have any questions?

No questions were fielded.

2. General Business

RAB tour date was set for Wednesday, September 19, 2012. Members all agreed this was an acceptable date.

The next RAB Meeting was set for August 8, 2012, at the Paris Township Hall.

Tom Smith: Regarding the final transition...What is the future of the RAB board?

Tom Tadsen: Business will be conducted as usual until National Guard representative determines a decrease in RAB meetings is needed. We have done this in the past. Our job is to pull info and feed it back to our communities. If we put ourselves out of business then we were successful. Maybe in 30 years it will be annual. The Board will make that determination. Right now everything will remain the same when the National Guard Bureau takes command.

3. Project Update – Jed Thomas (SAIC) PBA08 – Performance Based Acquisition

Following the formal presentation, the RAB members proceeded with questions directed to Jed Thomas. (To request a copy of the formal presentation please contact the undersigned).

Tom Tadsen: Was Ramsdell an active quarry prior to RVAAP?

Jed Thomas: I believe so.

Tom Tadsen: Any PH in RQL? Is this a skin contact issue?

Jed Thomas: Correct.

Tom Tadsen: In the main LL, one area targeted was flooring drainage. What about the video surveillance?

Jed Thomas: Contaminates of concern did not affect the groundwater. There were no SVOC's in the data and we looked at historical activities; that is what drove us to look at what we did.

Nancy Taylor: In some jurisdiction ACM is not considered friable until it is certified. Was the ACM in this case certified friable?

Jed Thomas: Yes, this was proven to be friable.

Tom Tadsen: Directed to Eileen Mohr (EPA). When the National Guard started taking over Transite roofing and siding was still in storage. At what point is it considered friable and hazardous?

Eileen Mohr: I don't know much about ACM. I always defer these questions to Columbus to the Air Quality Division. They make the decisions with ACM. We get those who know the standards involved. WBG for example, we get the right people to weight in.

Tom Tadsen: If a Transite panel is damaged is it considered friable?

Eileen Mohr: Do you remember the demo of LL1? The first thing we did was evaluated everything. We took safety at every step. It was the proper removal of ACM and Akron Air Quality visited the site weekly.

Tom Tadsen: ACM is defiantly a critical issue. Only one contact can give you Mesothelioma. It is a very hard difficult death. My father-in-law passed of Mesothelioma.

Eileen Mohr: It's defiantly an inhalation issue. You can have 7m fibers per liter.

James Mayer: Does any water leave the quarry?

Jed Thomas: No, it is isolated to the site. It is just surface water.

Katie Tait: Most of the ACM is chrysotile.

Bill Steiner: The sewer lines...what where they inspect for? Where are the discharge points?

Jed Thomas: Treatment plants were capped and sealed and all outfall points were investigated in our assessment.

Nancy Taylor: Were you looking for infiltration issues and cracks?

Jed Thomas: Not specifically, but these things did aid in our investigation.

Tom Tadsen: Munitions flowed into the floor drains. This was particular to the melt pour process and in the steam cleaning process. These munitions would settle in pockets in the soil outside of the pipe.

Jed Thomas: This did not happen at RVAAP. We were very extensive in our investigation.

James Mayer: Referring to previous data, there were lead lined sumps with a wrapping of asbestos. Some of the munitions may have been trapped.

Eileen Mohr: Most of the Load Line sumps MKM pulled and disposed of. We looked at areas where the lines broke and target those areas. OEPA picked surface water basin sampling areas around the arsenal and nothing is off post.

Tom Tadsen: Melt pours were a standard maintenance item and cleaned out. Are there any more questions from the board? Are there any questions from the public?

Laura Duncan: Referring to slide 6, what were the 5 semi volatile substances?

Jed Thomas: Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenz(a,h)anthracene, and Indeno(1,2,3-cd)pyrene

Ron Duncan: Where can I get a copy?

Jed Thomas: You can get it on-line from the Proposed Plan.

Laura Duncan: Once the samples are collected is it gone? Is it Hazardous or Non-Hazardous? Do you put it back into the ground?

Jed Thomas: The soil is considered Non-Hazardous but it does not go back into the earth, it is sent to a proper disposal facility.

No additional questions were fielded from the public members.

4. Presentation from TAPP Provider, Kelly Buck Company – Jennifer Zavoda, P.E.

Following the formal presentation, the RAB members proceeded with questions directed to Jennifer Zavoda.

Tom Tadsen: Jennifer will be giving an overview of suggested areas. You will be send a ballot to prioritize the topics and any other items you want to suggest.

Jennifer Zavoda, P.E. gave brief presentation on each of the potential topics related to the TAPP grant. The Kelly Buck Company researched recent activities as well as projects planned for the near future to use as potential topics. These topics are below listed:

Facility-Wide Ground Water Monitoring Program (FWGWMP) (RVAAP- 66)

Tom Tadsen: Are there any questions regarding FWGWMP?

James Mayer: I have some historic concerns like water quality off post. We talked about in the past...things like high arsenic and manganese and iron.

Tom Tadsen: We can evaluate the date and then come back to it later.

James Mayer: We don't have any off-post documentation and data.

Tom Tadsen: Moving or not we do have data on that.

Eileen Mohr: In the late 90's we did do some residential sampling. The State of Ohio did provide the funding for things like that back then.

James Mayer: I guess we can get information from the municipalities and other public information.

Eileen Mohr: If something were to be suspected there are contingencies built into contracts for off-post sampling.

Winklepeck Burning Ground (WBG) (RVAAP-05)

Eileen Mohr: Historically we worked only in Lane 1 for the Mark 19 range. This area was only about 20 acres. Now we need to re-evaluate and look at a much larger portion of Winklepeck.

Katie Tait: The Army generated the blueprint for the range. More studies are needed for more flexibility.

LTC Meade: Winklepeck is our first priority, we have been approved for 3.5 million and we have to get the land ready or loose the money.

Suspected Mustard Agent Burial Site (SMABS) (RVAAP - 28)

Eileen Mohr: Huntsville and Louisville want to get this issue resolved. It is project of high interest. The National Guard would like to complete some trenching. The only question is...What would the final end use of additional trenching prove? Groundwater wells have been installed outside of this area and nothing has been shown in the groundwater.

LTC Meade: The National Guard would like to say that there is no potential contamination and put the entire issue to bed.

Katie Tait: We are on the fence on this issue and further discussion is proposed. We may just look at land use restrictions. It can go either way.

Tom Tadsen: The interest of all parties is good. Now this issue is can the money be justified or not?

Military Munitions Response Program (MMRP)

Not further questions were fielded from the members or the public regarding this topic.

Land Use Control / Risk Assessment Scenarios

Eileen Mohr: The PMP will have an appendix for each AOC site. The timeframe for the PMP is to have it in place by September 1, 2012.

Katie Tait: The PBA08 site will have some Land Use Control issues so this will dove tail a bit.

Tom Tadsen: These are the topics up for vote. Are there any other topics of interest?

Joe Beautler: Are there any additional plans for the igloos use?

LTC Meade: The igloo use is very limited. We do currently use some of them for ammo storage and tornado shelters. We have approximately 693 of them. There is no plan to demo them or use them. We have had some outside interest but that becomes more cost and hassle than what it's worth. There is no intention for commercial use for them either. In addition, any funds received for commercial use would go to the federal government not to the state. So, we will simply train around them.

Tom Tadsen: All the igloos are locked and secured correct?

LTC Meade: Yes, except those designated as tornado shelters

James Mayer: Land Use Control document would warrant a review...agreed?

Tom Tadsen: We will mail out a ballot for you to prioritize next week. Please return the ballot in the self-addressed stamped envelope no later than July 16, 2012.

Laura Duncan: What is the range of the sampling?

Tom Tadsen: If I may interject, Kelly Buck is a TAPP provider. They do not complete or analyze and sampling events. If that is all we need to take a vote to approved the Revised copy of the RAB minutes from January 11, 2012.

James Mayer: Approved

Becky Carter: I second the motion (it was duly carried).

Tom Tadsen: If there are no other questions from the RAB members or audience we will adjourn. I will ask Bill Steiner of the Portage Solid Waste Department to give us a quick update of the upcoming changes in Portage County.

No other questions were fielded from the RAB members or audience.

Since there was no further business or questions, the meeting was adjourned at 8:17 p.m.

Respectfully submitted,
Christy Esler
RVAAP RAB Administrator