

**Ravenna Army Ammunition Plant
Restoration Advisory Board (RAB) Meeting
November 17, 2010**

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 Mark Patterson at 6:05 p.m. at the Paris Township Hall, Paris, Ohio.

Mr. Tom Smith made a motion to suspend with the reading of the minutes of the previous meeting. The motion was seconded by Mr. George Tompkins. Mark Patterson asked the board members if they had any additions or correction to the minutes. No comment from the RAB members present. Mark Patterson called the motion to question... "All those in favor please say 'Aye'. "All those opposed?" The motion carried, and Mark Patterson announced the minutes were approved as printed.

Meeting attendance was recorded as 20 members present, 3 excused and 2 absent (Mr. James Mayer & Mr. Howard Furl)

2. General Business

The first order of general business Mark Patterson announced that Tom Tadsen was unable to be present tonight. Mark provided an updated for the TAPP (Technical Assistance for Public Participation) program. The Army Environmental Command (USACE) is reviewing the application.

Mark Patterson asked the board members if they had any further general business. No further topics were discussed.

3. Presentation of the Rocket Ridge Project Update, Brian Stockwell- PIKA International

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

Jon Barber- Asked if the scrap already found is from the construction of the road?

Brian- yes

Jon Barber- Is the goal to turn over and maintain?

Mark Patterson- yes, but 30-35 acres will be off limits and will be a work around, just not cost effective.

Jay Abercrombie- Will you be doing the creek survey in spring, is there a concern due to the rise?

Brian- the creek does subside quickly and the USACE Pittsburgh district along with the State will insure the creek is returned back to original design.

Eileen Mohr- added that the USACE Pittsburgh and the Ohio EPA surface water division worked closely on this project from the beginning and will be involved until finished. The roadway area of approximately 1 acre was discussed in detail to only remove the necessary trees for canopy. There will also be site inspections during diversion work and after.

Sarah Lock- How do you process the White Phosphorus?

Brian- manually, hand load drums, want positive control- trained techs, safest way manual v/s machinery

Sarah Lock- asked about an Emergency back up

Brian- Yes, PIKA has measures in place, example (water misters and water tubs).

Jon Barber- Added that PIKA has been coordinating closely with the Ravenna City Fire Department as well.

Brian Stockwell - there has already been a kickoff meeting for the Emergency Responders to cover any potential risk scenarios.

Mark Patterson added that another coordination meeting will be set when excavation begins.

No additional questions were fielded from the RAB members. The public members were asked for questions directed to Brian Stockwell.

Rick Wargo – asked about the debris found during the access road construction.

Brian Stockwell- These are actually MEC items, safe to move but did contain residual. Future detonation will be on a separate contract.

Mark Patterson said that the Department of Defense (DOD) changed the nomenclatures. UXO now is called MEC. (Piece of pure TNT or discarded munitions considered MEC).

4. Presentation of the Rocket Ridge Waste Disposal Project Update, Brian Morgan- TolTest, Inc.

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

George Tompkins- Asked about the security measures when the truck is on the road, what about a GPS Tracking system.

Brian Morgan- Yes the trucks do have security tracking.

Jay Abercrombie- You stated the facility is in Illinois, why there?

Brian Morgan- Veolia processes this quantity in shorter time.

Mark Patterson added that Veolia was also looked at for their safety program. Karen Radomski and the USACE technical manager will travel to the facility when the first truck load is shipped to observe the process.

Dan Spicer asked who came up with the estimate of 1000 drums
Mark Patterson- PIKA, part of the prior phase 3 contract work, this is worst case scenario and an approximation.

Jay Abercrombie- Is there a reason why PIKA is not handling the entire process?
Mark Patterson- contracting mechanism, interested in PIKA doing this work they are an 8a contractor, there are limits- we would have exceeded the total money allowed. So that is why Toltest is involved.

George Tompkins- This is a lot of expense, why not just burn it on site and then it is disposed of.

Mark Patterson explained that there is a toxic smoke produced by White Phosphorus and there would be a concern of that smoke moving off site plus there are plenty of laws.

Eileen Mohr- completely agreed.

Nancy Taylor- Do you have a Contingency Plan in place?

Brian Morgan- those plans are being produced for review.

Jon Barber- I assume required Placards will be on the trucks and HAZMAT teams will be aware.

Brian Morgan- Yes that is correct, Brian Stockwell agreed

Jay Abercrombie asked when the M19 Rifle Smoke Grenade was used.

Mark Patterson- WWII- publications and UXO tech informed us.

No additional questions were fielded from the RAB members. The public members were asked for questions directed to Brian Morgan. No questions were fielded from the public members.

5. Presentation of Load Lines 1, 2, 3, 4 and 12 Project Update, Prudent Technologies, John Jent

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

Jon Barber- what did you do with the soil waste?

John Jent- after samples were taken the tube is picked up and the soil is slide onto plastic liners into buckets. 19 drums of IDW

Jay Abercrombie- How many people- field crew?

John Jent - 7 people, we tried to change duties to give a break. 7 people- 13 days

Eileen Mohr- John gave the first Multi increment (MI) presentation. MI sampling v/s discrete comparison- MI is cost effective. John had a good team and procedures in place.

Jon Barber asked if all the results will be included in the final report and when will that be ready?

John Jent- Yes and it will be final the end of February 2011.

Dan Spicer- will it tell us at what depths

John Jent- yes, horizontal for sure

No additional questions were fielded from the RAB members. The public members were asked for questions directed to John Jent. No questions were fielded from the public members.

Next meeting February 16, 2011 at Freedom Township

Since there was no further business or questions, the meeting was adjourned at 7:40 p.m.

Respectfully submitted,

Christy Esler
Ravenna Army Ammunition Plant
Restoration Advisory Board Administrator