

Ravenna Army Ammunition Plant
Restoration Advisory Board (RAB) Meeting
March 16, 2011

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, Freedom, 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. Walter Landor. Tom Tadsen asked the board members if they had any additions or corrections to the minutes. No comment from the RAB members present. Tom Tadsen called the motion to question... "All those in favor please say 'Aye'. "All those opposed?" The motion carried, and Tom Tadsen announced the minutes were approved as printed.

Meeting attendance was recorded as 18 members present, 2 excused and 5 unexcused (Mr. Richard Poots, Mr. Jon Barber, Mr. James Mayer, Ms. Sarah Lock, and Mr. Bill Miller)

2. General Business

The first order of general business, Tom Tadsen asked if the May 11th would be acceptable to have the RAB Member tour, 6pm. In a show of hands by the RAB members, 11 May 2011 at 6pm was chosen.

Tom Tadsen announced that the next scheduled RVAAP RAB Meeting will be August 17, 2011. The August RAB Meeting will focus on the RVAAP Facility Wide Groundwater program. Dorene Spicer suggested hosting the RAB Meeting at the Paris Township. RVAAP RAB Meeting - August 17, 2011, 6pm at the Paris Township Hall.

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

Tom Tadsen introduced, Edith Chase. Edith announced the upcoming Kent Environmental Council Meeting. The meeting is at 7pm Monday and Water Resources will be the main presentation. Steve Hardesty from the Kent Water Treatment Plant will also be present to discuss drinking water. Items for discussion (Rockwell to Gorge Dam, Watershed Action Plans and gaining community input).

3. Presentation by Shaw Environmental, Dave Cobb

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

Tom Tadsen- asked Dave Cobb who performed the MEC survey?

Dave Cobb- Military trained retirees, MEC Technicians that are highly qualified.

Tom Tadsen- During your field activities did you use magnetometers- GPS (31 & 61)

Dave Cobb- yes you are correct the GPS location is input to the computer.

Tom Tadsen- explained the process for detonations within RVAAP. Detonation site is ODA2 (Open Detonation Area 2). There are a number of procedures that need to be followed and one of them is to notify Ohio EPA.

Tom Tadsen- Suspected mustard agent burial site, thru history 3 sites have been suggested as potential areas. During research in the field nothing has ever been located.

Tom Tadsen-asked about the geochemical of groundwater- How to differentiate between metal
Dave Cobb- explained the ratios, look for common trend metals. The differences will be included in the final report.
Mark Patterson added that Mark Nichter, USACE will have more info. Stick with current method but final report will be more inclusive.

Dan Spicer asked how deep the magnetometer will read.
Dave Cobb- 0-4 ft., depending on how large the item is.

No further questions were fielded from the RAB members. The public members were asked for questions directed to Dave Cobb.

Ron Duncan (Middlefield Resident)-if you find mustard agent how do you proceed?
Dave Cobb-No intrusive activity. The suspected mustard agent site will be investigated to locate the canisters that they used to containerize.
Mark Patterson- US Army Environmental Command (USAEC) will fund and decide the path forward once the investigation stage is complete. This site is a suspected mustard agent area; there are stories from past workers on the location of this suspected material. In 1988 ground water sampling around the site was conducted with no chemical findings. In 1969 containers were found but did not contain mustard agent.
Ron Duncan- would RAB board/Public be prey to info?
Mark Patterson said yes the results will be included in the final report from Shaw.
Tom Tadsen- rusted out containers have been found but could not identify mustard agent test kits (could not confirm).

No additional questions were fielded from the public members.

4. Presentation of Rocket Ridge, Brian Stockwell- PIKA

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).

Tom Tadsen- asked Brian if during the stream diversion what type of stabilization fabric was used.
Brian Stockwell- woven fabric- like silt fence.

Tom Tadsen confirmed that the sand creek barrier is designed to stop any MEC.
Brian Stockwell confirmed that aquatic animals and fish are able to pass through the mesh wire.
Tom Tadsen – so for an example primers/fuses related to artillery.
Brian Stockwell- Yes, 75 mm -105 mm and up to 152 projectile sizes.

Tom Tadsen asked Brian to explain the last slide regarding the survey they conducted. Brian Stockwell said that this was a visual site walk thru with magnetometers within Sand creek.

George Tompkins- Are the screens checked due to high water? Brian Stockwell- during any high weather checked twice a month, but during normal rain fall the screens are inspected once a month.

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

5. Presentation of Disposal of White Phosphorus (WP), Toltest- Karen Radomski

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

Tom Smith (Paris) - 180 drums?
Mark Patterson- 1000 but many drums will be soil topped off with water.

Tom Smith- Why not treat the material on site instead of shipping the WP.
Mark Patterson- Compliance requirements are too high.

George Tompkins- Are the drums special?
Karen Radomski- Drums are lined approved by DOT

No further questions were fielded from the RAB members. The public members were asked for questions directed to Karen Radomski.

Laura Duncan (Middlefield Resident) - Didn't a grenade go off?

Mark Patterson- Yes we have actually had 2 incidents: On the sloop a white phosphorus grenade (outer part rusted) caught on fire.

Tom Tadsen- don't confuse the Mark19 Range and this site (Grenade machine gun)

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

Since there was no further business or questions, the meeting was adjourned at 7:35 p.m.,

Respectfully submitted,

Christy Esler
RVAAP RAB Administrator