

**Ravenna Army Ammunition Plant  
Restoration Advisory Board (RAB) Meeting  
July 14, 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 Community Co-Chair Tom Tadsen at 6:04 p.m. at the Paris Township Hall, Paris, Ohio.

Mr. George Tompkins 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, 6 excused and 1 absent (Trumbull County Commissioners Representative, Mr. Bill Miller)

**2. General Business**

The first order of general business, Tom Tadsen asked if the 15<sup>th</sup> of September would be acceptable to have the RAB Member tour, 6pm. In a show of hands by the RAB members, 15 Sept 2010 at 6pm was chosen.

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

**3. Presentation of the Performance Based Acquisition 2008 Project Update,  
Jed Thomas, Science Application International Corporation (SAIC)**

Tom Tadsen introduced the first presenter, Jed Thomas.

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).

Dan Spicer (RAB Member) - wanted to confirm that the ditch was the only area contamination was found.

Jed Thomas- After review of the data, contamination was located in the ditch.

Bill Steiner- asked if the 31mg/kg was National Guard or Ohio EPA criteria?

Jed Thomas- the standard you are referring to was developed to protect the National Guard trainee.

Bill Steiner also asked if the Facility Wide Sewer sampling was conducted at the man hole points or elsewhere?

Jed Thomas- Tier I, manhole and catch basin access areas.

Tier II, was concentrated at the source area (geoprobe). Drilled adjacent to the source to look for contamination and also completed video surveying as well for structure assessment.

Joe Beutler (RAB Member) - Arsenic, is this a bi-product of ammonium nitrate?

Jed Thomas- I don't believe so

Mark Patterson- No and it is difficult to pin point exact source with the activity.

Jed Thomas said that background is 25, Mark Patterson added that 31 or greater for cleanup.

Eileen Mohr agreed.

Tom Tadsen- Pointed out the Sarah Lock's parent's home was in the range of 65. Sarah added that they do not drink the water. Tom said that much in this area is naturally occurring and higher levels.

Sarah Lock- I know that you are talking about sediment however was and detected over the limit in ground water?

Jed Thomas- The ground water is currently being sampled by the Facility Wide Ground water contractor (EQM).

Mark Patterson- evaluation of 4 quarters of groundwater samples is being conducted maybe be the next RAB meeting or so we can look at the data collected. I don't believe arsenic is an issue, Eileen Mohr agreed, MCL at times LL12- nitrates

No additional questions were fielded from the RAB members.

#### **4. Rocket Ridge Update, Brian Stockwell, PIKA International**

Tom Tadsen introduced Brian Stockwell.

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 what the threat is to individuals regarding the White Phosphorus (WP).

Brian Stockwell- When white phosphorus is exposed to air, it will ignite and burn. This is a solid material and will keep burning until the air supply is cut off.

Tom Tadsen- Do the workers wear special personal protective equipment (PPE)?

Brian Stockwell- Yes, these are made out of a flame retardant material per NFPA regulations. They also have air purifying respirators with face shields, gloves, and boots. Tom Tadsen- with also non permeable liners.

Brian Stockwell- Yes

Nancy Taylor (RAB Member) - Is the WP crusting over in the stream and is this friable?

Brian Stockwell- Yes there is a thin layer of crust and the main function of the WP grenade was as a smoke screen obstruction.

Nina Miller (RAB Member) - What about the 105's?

Mark Patterson - our number one concern is safety so to insure the 105's are safe to move they are blown in place (BIP).

Bill Steiner- Where is the final location for the drums?

Brian Stockwell- That is under contract with TolTest, Inc.

Mark Patterson- There is a number of coordination meetings between the two contractors. TolTest is responsible for the labeling and shipment off site. The offsite facility is in Viola, IL and is a licensed facility.

Joe Beutler (RAB Member) - Is diverting the stream necessary?

Brian Stockwell- Yes and we have involvement from the Ohio EPA surface water division throughout the process.

Nina Miller (RAB Member) - The exclusion zone, no National Guard personnel can be in the area until you are finished?

Brian Stockwell- There is an arch in effect from August until approximately November. Our operations will be coordinated closely with the National Guard.

Tom Tadsen asked if the stream WP was included in the scope of work.

Brian Stockwell- Yes that is also included.

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

##### **5. Ralph Pfingsten, The History of the Ravenna Arsenal**

Tom Tadsen introduced Ralph Pfingsten to the RAB Members and audience.

Following the formal presentation, the RAB members and audience were invited to ask Ralph questions. (To request a copy of the formal presentation please contact the undersigned).

Audience Member- asked Ralph when his next presentation would be scheduled.

Ralph Pfingsten- Portage County Historical Society in September

Judy Thorton asked to discuss the memorial that she has been reading about.

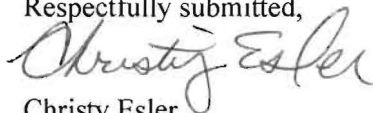
Please consider memorializing the local farmers that were greatly affected by the Ravenna Arsenal.

Tom Tadsen- explained that we are in the beginning stages of creating a 501c(3) Ravenna Arsenal Memorial. We have met a couple of times and are also developing the draft mission statement and scope of project.

Tom Tadsen announced the RAB Member tour will be Sept. 15, 2010 at 6pm.

Since there was no further business or questions, the meeting was adjourned at 7:39 p.m, Mr. Bill Steiner made a motion to adjourn the meeting at 7:39 and the motion was seconded by Mr. Jon Barber. Tom Tadsen announced the meeting adjourned.

Respectfully submitted,



Christy Esler

Ravenna Army Ammunition Plant

Restoration Advisory Board Administrator