

MEETING MINUTES

RESTORATION ADVISORY BOARD For PLUM BROOK ORDNANCE WORKS March 27, 2008

ATTENDEES

Rick Meadows, USACE Co-Chairperson	Lannae Long, USACE Nashville
Mark Bohne, RAB Community Co-Chairperson	Paul Jayko, OEPA NWDO
Lisa Humphreys, USACE Huntington	Al Hardesty, Jacobs Engineering
Peg Kingsley, RAB Member	Julie Weatherington-Rice, Bennett & Williams
Lee Yeckley, RAB Member	Patty Bertsch, USACE LRD
Gil Steinen, RAB Member	Jarret Barnes, Barnes Nursery
John Blakeman, RAB Member	Helen Owens, Stillwater Environmental

The RAB Meeting was conducted Thursday, March 27, 2008 at 7:00 pm in the Bettcher Room at BGSU Firelands.

Agenda

The agenda for the meeting included the following topics:

- Contamination Delineation Study – Acid Areas 2 and 3
- Update on Acid Area 1
- Risk Assessments for Acid Area 1 and Reservoir No. 2 Burn Grounds
- Status of Contracts – TAPP, RAB Support and Monitoring Well O&M, and Pentolite Road Composting
- Update on Pentolite Road Red Water Ponds Removal Action
- Update for Proposed Plans at TNT Area A and TNT Area C
- Update on Responsibility Reassessment
- Other Business

Introduction

Mark Bohne, RAB Community Co-Chairperson opened the meeting with the introduction of attendees. Rick Meadows requested one of the RAB Members to attempt to contact the family of Starr Truscott and coordinate their attendance at the next RAB meeting scheduled in late June. Gil Steinen agreed to coordinate with the Truscott family.

Contamination Delineation Study – Acid Areas 2 and 3

Al Hardesty of Jacobs Engineering outlined the upcoming project in Acid Areas 2 and 3. The presentation reviewed prior activities, a brief summary of the Risk Assessment results, the investigative plans (Developing clean-up goals, delineation sampling, Feasibility Study, and Decision Documents). A project schedule was also provided. The presentation material is provided as an attachment to these minutes.

Update on Acid Area 1

Al Hardesty of Jacobs Engineering provided an update of the Remedial Investigation conducted in Acid Area 1. The presentation reviewed the history of Acid Area 1 during explosive manufacturing era, the recent investigative activities (soil investigation, surface water and sediment, and groundwater). The presentation material is provided as an attachment to these minutes.

Risk Assessments for Acid Area 1 and Reservoir No. 2 Burn Grounds

Al Hardesty of Jacobs Engineering provided a review of the upcoming Human Health & Ecological Risk Assessments scheduled for Acid Area 1 and Reservoir No. 2 Burn Grounds. The review included an outline of the contaminants in each area and a schedule of the work activities. The presentation material is provided as an attachment to these minutes.

Status of Contracts – TAPP, RAB Support and Monitoring Well O&M, and Pentolite Road Composting

Lisa Humphreys of USACE Huntington District updated the RAB on the status of contracts at PBOW. The TAPP contract was awarded to Bennett & Williams, this is the final year for the TAPP contract. The RAB Support and Monitoring Well O&M contracts were awarded to Stillwater Environmental Services, Inc., the contract period of performance is 1 year. The contract modification for the composting at Pentolite Road Red Water Ponds (PRRWP) was awarded to McTech Corporation and is scheduled through early 2009. These contract awards were made to contractors already involved in USACE projects at PBOW.

Update on Pentolite Road Red Water Ponds (PRRWP) Composting Project

Lisa Humphreys, Project Technical Coordinator, USACE Huntington District updated the RAB on the upcoming composting project at PRRWP area. The project is scheduled to begin in April 2008 with the clearing and grading of the composting pad area and construction of a sump to collect run-off from the windrows and pad. Composting will be done similar to the process with TNT Area B soil, using chicken manure and straw. McTech Corporation is the prime contractor and Barnes Nursery is a subcontractor providing and operating the composting equipment.

Update for Proposed Plans at TNT Area A and TNT Area C

Rick Meadows, Project Manager, USACE Huntington District reviewed the updating of the Proposed Plans for TNT Areas A and C. Shaw Environmental will be updating the documents developed in 2003-2004. The draft proposed plans are expected in mid-May 2008. The issue of the final document begins the 30-day public comment period. Comments on the Proposed Plans will be incorporated into a Responsiveness Summary, which will be part of the final Decision Document. Mark Bohne, RAB Co-Chair emphasized the importance of the PBOW RAB conducting a joint review of the plans to develop a single list of comments generated by the Restoration Advisory Board. The goal is to award contracts for remedial actions by end of June 2009.

Update on Responsibility Reassessment

Patty Bertsch, USACE Division Office updated the RAB on the Responsibility Reassessment. Ms. Bertsch advised the meeting attendees the proposal is currently under review at USACE Headquarters.

Other Business

Mark Bohne voiced concern about the PBOW website being out of date. The website is to be updated and current information maintained by the 2008-2009 RAB Support contractor. Rick Meadows updated the RAB that there is a new system for maintaining the electronic documents in the Project Information Retrieval System (PIRS). USACE is working through the process of making the electronic documents available under the new system via the website.

RAB Meeting Schedule

The next RAB Meeting, a site visit, is scheduled for Thursday June 26, 2008 at 4:00 p.m. The RAB wants to invite members of the media to highlight the environmental restoration activities at the site. The RAB suggested contacting the Sandusky Register, Loraine Journal, Toledo Blade and the Cleveland Plain Dealer. The RAB Support Contractor will contact the media approved by USACE LRH. A formal meeting announcement will be distributed to the RAB Members, PBOW Project Team and others on the mailing list. LRH Office of Public Affairs will need to be coordinated with for this effort.

ATTACHMENTS

New Project Feasibility Study Acid Areas 2 & 3

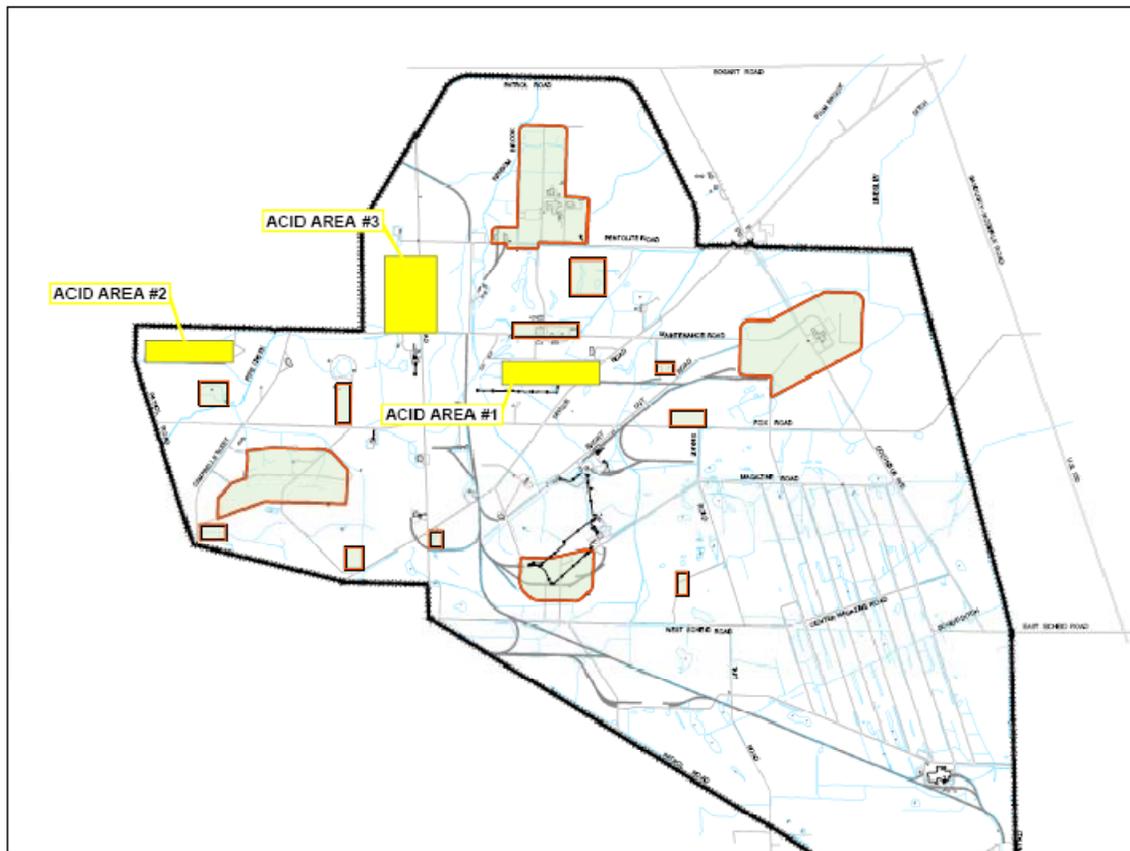
Presented to:
Restoration Advisory Board

Presented by:
Al Hardesty
Jacobs

March 27, 2008



PBOW Site Map



Acid Areas 2 & 3 Prior Activities

- 2004 / 2005 Remedial Investigation
- 2007 / 2008 Human Health and Ecological Risk Assessments

Unacceptable Risk

- Current & Future Construction Workers and Future Child Resident
- Surface Soil
- PCBs & PAHs

Future Plans

- Development of Clean-up Goals
- Delineation Sampling
- Feasibility Study
- Decision Documents

Project Schedule

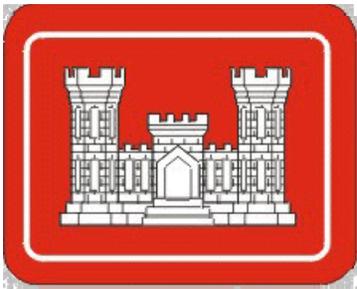
- Clean –up Goals – Spring 2008
- Delineation Sampling – Summer 2008
- Initiate Feasibility Study – Fall 2008
- Submit Final FS Report – Spring 2009
- Initiate Decision Documents – Spring 2009
- Finalize Decision Documents – Spring 2010

Remedial Investigation Acid Area 1

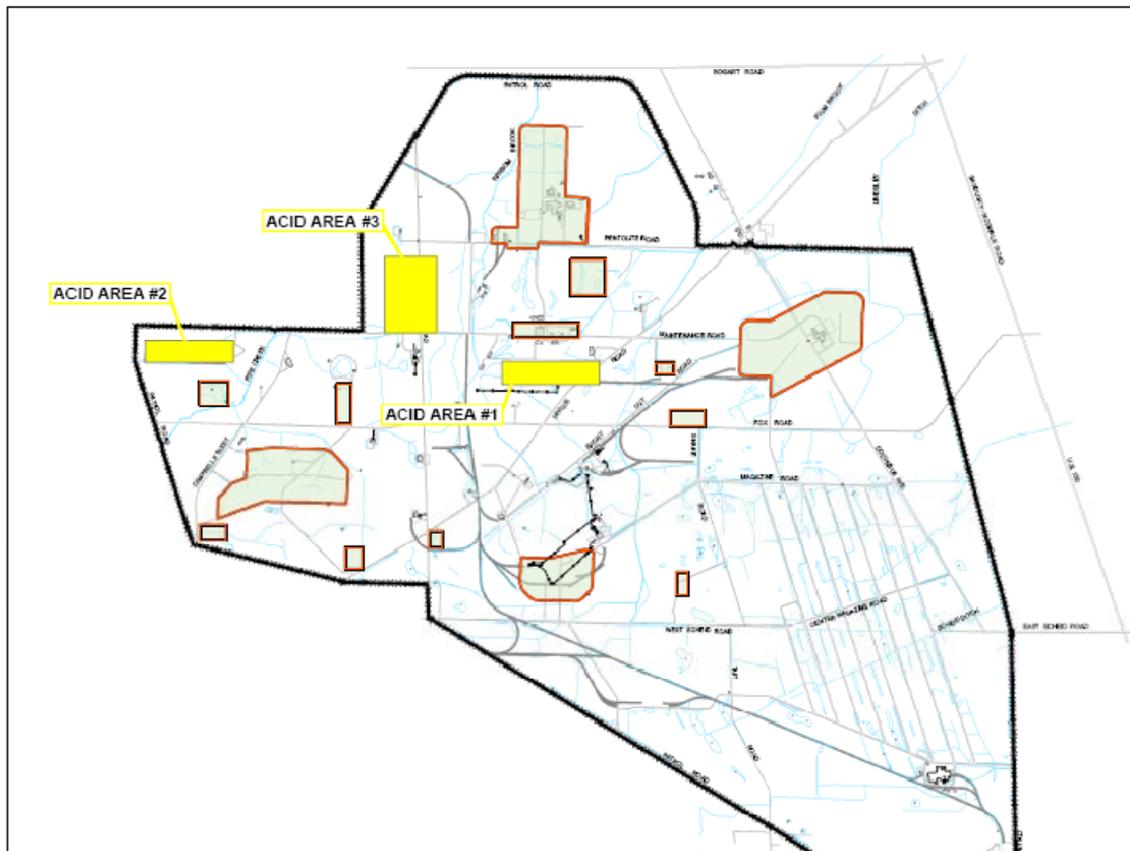
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PBOW Site Map



Acid Areas History

- Production of Nitric and Sulfuric Acids
Used in the Production of TNT.
- In Operation from 1941 to 1945
- Buildings dismantled between 1958 – 1968
- Site Investigation – 1998 (soil only)
- Elevated Levels of PCBs and PAHs in Soil

2007 / 2008 Remedial Investigation of Acid Area 1

- Soil Investigation
- Groundwater Investigation
- Surface Water/Sediment Investigation

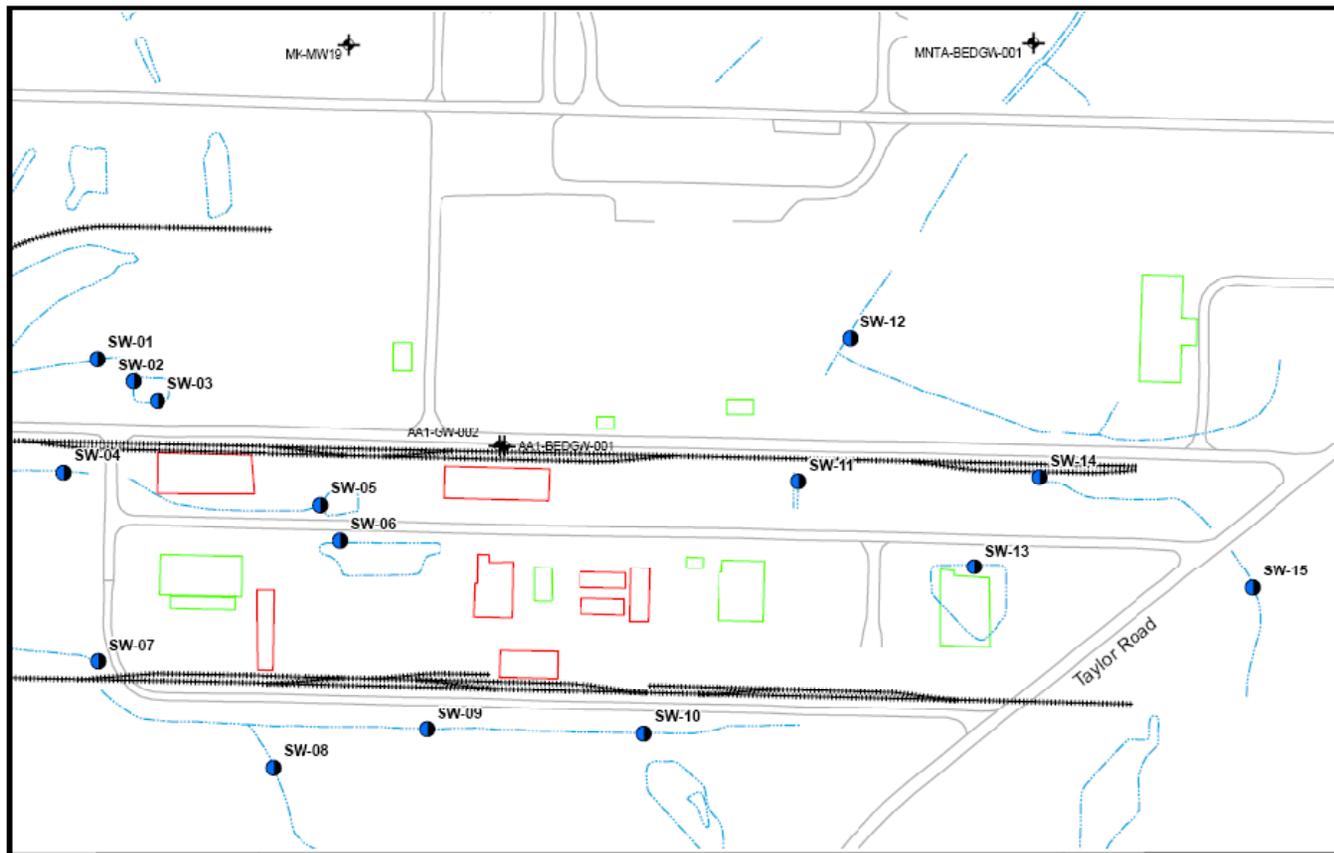
Soil Investigation

- 15 original locations from 1998 SI
- 23 new locations for the 2007 RI
- Surface Soil – 0.5' – 1.5'
- Subsurface soil – 3' – 5' (17 locations)
- Subsurface soil – 8' – 10' (6 locations)

Surface Water and Sediment

- Site Reconnaissance
- Identified 4 separate drainage systems
- Collected co-located samples from 15 locations

Surface Water / Sediment



Groundwater

- 8 piezometers
- 3 shallow monitoring wells
- 3 bedrock monitoring wells



New Projects - Risk Assessments at Reservoir No. 2 Burning Ground & Acid Area 1

Presented to:
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Upcoming Human Health & Ecological Risk Assessments

Reservoir No. 2 Burning Ground

- High levels of explosives and dioxins/furans in the burn layer

Acid Area 1

- PCB and PAH contamination in soil similar to Acid Areas 2 & 3

Risk Assessment Schedules

- Draft Work Plans for Reservoir
No. 2 Burning Ground - 15 April 2008
- Draft Work Plans for
Acid Area 1 – 15 June 2008
- Spring Ecological Site Survey - 8 May 2008
- Risk Assessment Reports – Late Fall 2008