

USACE PBOW RAB MEETING MINUTES PLUM BROOK ORDNANCE WORKS Thursday March 21, 2013 Firelands Community College, Huron, OH

This document has been modified from the original to comply with DoD web policy.

RAB Meeting Agenda

- TNT C RA-C Final Presentation TMG Services, Inc.
- TNT A RA-C Phase I Final Presentation TMG Services, Inc.
- TNT A RA-C Phase II Update USACE LRH
- Acid Area Land Farming Pilot Study USACE LRH
- Status of Ground Water Decision Document USACE LRH
- Investigation of Three New Areas of Interest CB&I
- Status of Projects Upcoming Documents CB&I
- Open topics
- Schedule next RAB Meeting

TNT C RA-C Final Presentation – TMG Services, Inc.

Project Manager for TMG Services, Inc. gave the final presentation on TNT C RA-C through the completion of the field work and preparation of the final report. The presentation summarized the volumes of soil excavated, remediated (by AH), off-site disposal and a photographic review of the project. The presentation on the TNT C RA-C is included as part of these minutes.

One question from a meeting attendee was asked regarding how the concrete debris was handled. Project Manager for TMG Services, Inc. responded that the debris was placed back in the excavation.

TNT A RA-C Phase I Final Presentation – TMG Services, Inc.

Project Manager for TMG Services, Inc. provided the final presentation on TNT A RA-C Phase I through the completion of the field work and preparation of the final report. The presentation summarized the volumes of soil excavated, backfilled excavations, offsite disposal. The presentation on the TNT A RA-C Phase I is included as part of these minutes.

TNT A RA-C Phase II Update

- Awarded to OTIE in February 2013
- Scope of Work includes:
 - Expand excavations in six open AOCs
 - Test pitting to determine excavation boundaries
 - Confirmation sampling of walls and floors produced during expanded excavations
 - Remediation of hazardous soil using alkaline hydrolysis
 - Stabilization of lead contaminated soil, if necessary
 - Backfilling of AOCs
- Work plans expected to be finalized in March-April and in the field in May 2013
- Field work to be completed by December 2013
- Final report due May 2014

Acid Area Land Farming Pilot Study

- USACE LRH provided an update from when ERDC reported the process at the December 2012 RAB
- Bench scale conducted to test degradation capabilities of local bacteria
 - Molasses and yeast
 - Rhodococcus jostii and molasses
- Used soil from AA1, results showed it was not conducive to PCB treatment. Therefore, not a viable alternative for PBOW acid areas and it will not be pursued further
- Dig and haul favorable option for AA2 and AA3
- No questions were received from meeting attendees

Status of Ground Water Decision Document

- One comment was received during the public review period which requested monitoring (of the groundwater).
- USACE Center of Expertise There is no driver for groundwater monitoring.
- LRH Office of Council Additional sampling was justifiable. When/if we are leaving contamination in place that doesn't allow for unrestricted use & unlimited exposure (UUUE), LRH OC says we are then required to conduct some level of monitoring that would be adequate to support the required 5-year report preparation, subsequent reviews and report finalization.
- USACE plans to conduct limited groundwater sampling to establish current conditions for groundwater in TNT A, B and C, and Red Water Ponds.

New Areas of Interest and Document Status

Chicago Bridge and Iron (CB&I, formerly Shaw) provided the presentation on the new areas of interest. The presentation is included as an attachment to these meeting minutes. The presentation highlighted areas identified from historical photos and maps and the project document status. The areas of interest include:

- Acetone Storage Tanks associated with pentolite manufacturing, minimal impact
- TNT A Barren area, contamination not detected
- Ransom Road Disposal Area, elevated levels of contaminants

CB&I outlined the upcoming documents review status. The following is a list of the documents that will be submitted for review in the next 3 months:

• Ash Pit #3 Revised BHHRA – April 2013

- Powerhouse #2 Ash Pit BHHRA & SLERA Addendums April 2013
- GMA (Sellite Area) BHHRA & SLERA draft docs May 2013
- GMA (Unloading Area) BHHRA & SLERA draft docs June 2013
- Reservoir #2 Burning Grounds DD June 2013

RAB Meeting

Next RAB was scheduled tentatively for Wednesday June 5, 2013.

The meeting was adjourned.





























































































































