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**USACE PBOW
RAB MEETING MINUTES
PLUM BROOK ORDNANCE WORKS
Thursday June 26, 2014**

Attendees

Rick Meadows, USACE Huntington
Lisa Humphreys, USACE Huntington
Jim Beaujon, USACE Nashville
Archie Lunsey, OEPA NWDO
Paul Jayko, OEPA NWDO
Margaret Kingsley, RAB Member
Michael Parker, RAB Member
Richard Pitsinger, RAB Member
David Speer, RAB Member

Gil Steinen, RAB Member
Sharon Barnes, Barnes Nursery
Jarret Barnes, Barnes Nursery
Bob Schanz, Barnes Nursery
Pat Owens, Visitor
Steve Downey, CB&I
Mike Gunderson, CB&I
Helen Owens, OTIE
Lana Wood, OTIE

Team Meeting Agenda

1. Opening of Meeting (USACE Huntington District)
2. Waste Water Treatment Plant (WWTP) No. 2 Baseline Ecological Risk Assessment (BERA) Bioaccumulation Study (CB&I)
3. Well Abandonment Status (CB&I)
4. Erie County Fair Poster Session (OTIE)
5. Upcoming Project Activities (Contract Awards, VE Studies, Public Meetings) (USACE Huntington District)
6. Status of Documents in Development (CB&I)
7. Open Topics
8. Schedule Next RAB Meeting

OPENING OF MEEING - INTRODUCTION

Rick Meadows, USACE PBOW Project Manager opened the meeting and reviewed the meeting agenda.

WWTP NO. 2 BERA BIOACCUMULATION STUDY

Mike Gunderson (CB&I) presented an overview of the proposed Baseline Ecological Risk Assessment (BERA) for WWTP No. 2. The BERA is being proposed to develop remediation goals based on site-specific data. Mr. Gunderson outlined the reason the BERA was being proposed and reviewed the proposed field activities:

- Several ecological hazard quotients (EHQ) were greater than 1 for lead (Deer Mouse, Short-Tailed Shrew, Cottontail Rabbit and Marsh Wren).
- Lead was also concern for Human Health
- Remedial goal based on Screening Level Ecological Risk Assessment (SLERA) which may require clean-up to near background levels
- Cost-effective to perform BERA to refine clean-up goal for lead
- Conducting a laboratory study using earthworms to establish bioaccumulation factor (BAF) based on site-specific soils.

- Field effort will consist of collecting soil samples and submitting to the laboratory where the earthworms will be introduced into the soil.
- X-Ray Fluorescence (XRF) will also be used to perform field screening for lead and to delineate lead to 100 mg/kg.

Mr. Gunderson's presentation is included as an attachment to these minutes.

WELL ABANDONMENT STATUS

Mike Gunderson (CB&I) outlined the plan of abandonment for 53 wells.

- Contract modification is in the process
- Preparation of work plans (Abandonment Work Plan, Abandonment Safety Plan)
- Abandonment will follow Ohio EPA Technical Guidance Manual and submission of ODNR Well Abandonment Sealing Reports
- Fieldwork will be completed in three stages
 - Sanding/bentonite
 - Grouting of well/borehole
 - Removal of surface material and site restoration
- Anticipating fieldwork in September

Mr. Gunderson's presentation is included as an attachment to these minutes.

ERIE COUNTY FAIR POSTER SESSION

Helen Owens (OTIE) confirmed that the PBOW Poster Session will be at the Erie County Fair, August 5-10, 2014.

UPCOMING PROJECT ACTIVITIES (CONTRACT AWARDS, VE STUDIES, PUBLIC MEETINGS)

Rick Meadows reviewed the project schedule dates for upcoming contract awards, Value Engineering (VE) Studies, Public Meetings, and Decision Documents. Mr. Meadows' presentation is included as an attachment to these minutes.

- Remedial Action Construction Awards
 - Reservoir No. 2 – obligated by Monday (30 June 2014)
 - AA 2 and AA3 – award by end of 1st quarter FY2015
- VE Study
 - Garage Maintenance Study – mid-July
 - Waste Water Treatment Plant #2 - in 1st quarter FY2016
- Public Meetings
 - Acid Area 1 together with Pentolite Road Red Water Ponds in October 2014
 - Ash Pits 1 and 3 in December 2014
 - Powerhouse 2 Ash Pits in February 2015
 - WWTP 1 and 3 in March 2015
- Decision Documents
 - Groundwater in July 2014 (HQ signed)
 - Acid Areas 2 and 3 in October 2014 (HQ signed)

STATUS OF DOCUMENTS IN DEVELOPMENT

Steve Downey (CB&I) reviewed the document delivery dates for the following projects:

- WWTP 1 and 3 Proposed Plan in March 2015
- WWTP 2 BERA Work Plan Draft in July 2014
- Pentolite Road Red Water Ponds Proposed Plan Public Meeting October 2014
- Ash Pits 1 and 3 Proposed Plan Public Meeting December 2014
- Powerhouse No. 2 Ash Pits Proposed Plan Public Meeting February 2015
- Garage Maintenance Area Feasibility Study Draft March 2015
- AA1 Proposed Plan Public Meeting October 2014
- AA2 and AA3 Final Decision Document July 2014 (submitted for HQ signature)
- Sitewide Groundwater Final Decision Document September 2014 (OEPA concurrence due)

Mr. Downey's presentation is included as an attachment to these minutes.

OPEN TOPICS

There were no additional topics discussed.

SCHEDULE NEXT RAB MEETING

The next RAB Meeting is tentatively scheduled for Thursday, September 11, 2014. The RAB may consist of a site visit, if there are any fieldwork activities underway.