



U.S. ARMY

Former Badger AAP RAB Meeting

April 20, 2023





RAB Agenda – April 20, 2023

- **Welcome and Opening Remarks**
- **Roll Call**
- **Review of the Minutes from January RAB**
- **Installation Action Plan (IAP) Updates**
- **New Well Access Leasing Update**
- **Project Management Updates**
- **Gruber's Grove Bay Sediment Update**
- **USGS Groundwater Flow Model Overview**
- **Future Meetings**
- **Questions and Closing Comments**





Welcome/Opening Remarks

Former Badger Army Ammunition Plant Restoration Advisory Board

April 20, 2023





Installation Action Plan (IAP) Updates

FY23 IAP Review Schedule:

Installation Name	FY23 Draft IAP Template Provided to AEC ESM & RPM	IAP Review Calls Scheduled NLT	FY23 Draft IAP Template Submitted Prior to IAP Review Calls	IAP Review Calls Completed NLT	Revised Draft IAP from calls sent to ESM, RPM NLT	Updated Draft IAP Due NLT	Style Guide Updates Completed/ Data Validation	FY23 Draft Final & Request for Concurrence Sent NLT	FY23 Draft Final Concurrence Received NLT	Update HQAES from Draft Final IAP NLT	Draft Final IAP Disseminated for PAO/Security Review NLT	PAO/Security Comments Received NLT	Final IAP Issued for Distribution to USAEC ESM
AMC/IMCOM/Reserves Installations	11/1/2022	11/18/2022	3 Business Days before call	1/27/2023	2/3/2023	2/10/2023	3/3/2023	3/3/2023	3/10/2023	3/24/2023	4/14/2023	6/30/2023	9/22/2023
<i>Blue is Restoration Program Manager (RPM) Responsibility. Green is QC Contractor Support Teams' Responsibility.</i>													

Web location of FY22 IAP for the Badger Plant Ammunition Plant (BAAP):
<https://aec.army.mil/application/files/3016/6396/4748/FY22IAP-WI-BAAP.pdf>





Monitoring Well Access Leasing Updates

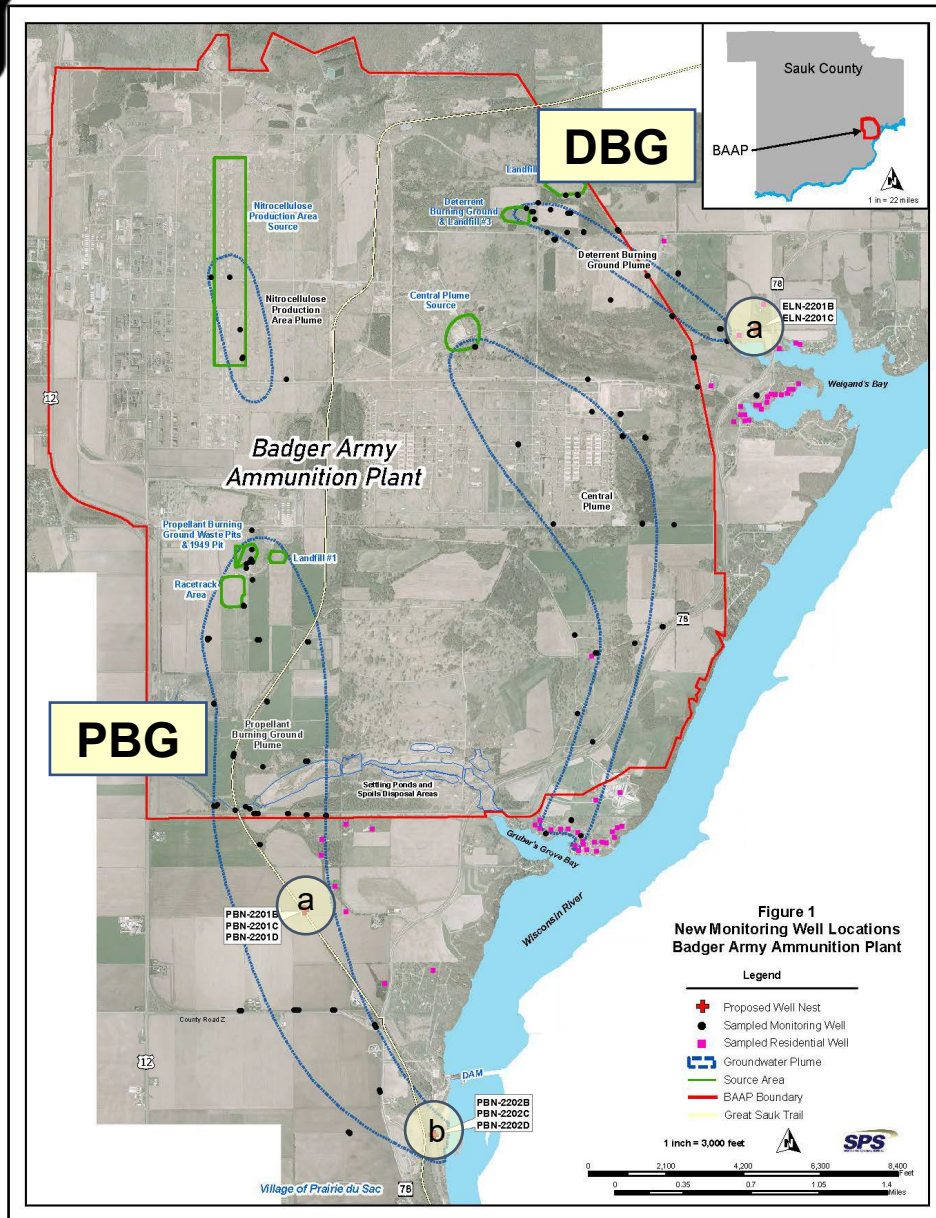
Groundwater Monitoring Network Optimization

- **Army Plans to Drill 8 Monitoring Wells to Help Define Plume Delineation for the Deterrent Burning Ground and Propellant Burning Ground Plumes**
 - Received approval from WDNR.
 - Property owners (Private landowner, Alliant Energy, DOT, Sauk County Parks) tentatively agreed access to well installations and sampling pending leasing agreement.
 - Army is working with the USACE-Omaha District to secure property right-of-entry for the monitoring wells.
 - Well installations planned for May/June 2023.





Proposed Monitoring Wells



- **Deterrent Burning Ground Plume (DBG) : 1 location; 2 wells**
 - a) Estimated Depths
 - i. 93 ft
 - ii. 158 ft
- **Propellant Burning Ground Plume (PBG) : 2 locations; 6 wells**
 - a) Estimated Depths
 - i. 119 ft
 - ii. 165 ft
 - iii. 213 ft
 - b) Estimated Depths
 - i. 51 ft
 - ii. 98 ft
 - iii. 147 ft
- Anticipated well installation in 2023.
- Currently obtaining permission from property owners.
- Wells to be installed as nests, providing a vertical profile of the plume.





Project Management Updates

Proposed Plan (PP) for the Site-Wide Groundwater

- Strategy is to install injection wells for placement of biochemicals at numerous locations along the plumes to reduce the groundwater concentrations of both volatile organic compounds (VOCs) and DNT.
- Army submitted the PP to WDNR for review on 2/9/2023.

2nd Five-Year Review (FYR)

- Public Notice of the FYR published in Baraboo News Republic (March 13), Portage Daily Register (March 22), Juneau County Star (March 23), Wisconsin State Journal (April 7), and Sauk Star News (April 13).
- FYR site visit conducted March 15, 2023.
- Draft FYR is expected to be delivered to USAEC in April 2023, final in Sept 2023.

Community Involvement Plan (CIP)

- The draft CIP was submitted to the Army on 3/27/2023.
- The Army in process of reviewing the Draft CIP.
- A public notice of the CIP will be advertised.





Project Management Updates

Key FY23 Contracting Actions

- **Settling Pond Expanded Site Inspection**
 - Includes Final Creek, Settling Ponds 1 & 3, & Spoils Disposal Areas I, II, III, IV, & V.
 - Site-Wide Groundwater Monitoring Plan.
 - Project anticipated to be awarded in Spring 2023.
 - The Mission Installation Contracting Command (MICC) is currently working on market research report and acquisition strategy legal review.
- **PFAS Remedial Investigation for Propellant Burning Ground**
 - A draft Performance Work Statement (PWS) and IGCE for the PFAS work is under preparation, to include several other installations.
 - The PFAS RI contract is planned for Fall 2023 (FY24) award.
- **Landfill #5 - Repair of settled areas**
 - Army has completed its Independent Government Cost Estimates (IGCE) and contract modifications for the subcontract.
 - The MICC is currently reviewing the contract modification for Landfill #5. A contract specialist has been assigned.





Project Management Updates

Key FY23 Contracting Actions

TAPP AWARDED

- Technical Assistance for Public Participation (TAPP) awarded April 2023.
- ERG LLC manages the TAPP agreement.
- Three consultants solicited for proposals.
- Mr. James Tinjum (University of Wisconsin) only responded/selected.
- Up to \$25K allowed for technical assistance and scientific interpretation on specific project (ie. site-wide groundwater proposed plan, etc.).

Badger Army Ammunition Plant Groundwater Remediation: Pending Article Publication

- Article focus is the groundwater remediation work at BAAP and how the water quality has improved over time.
- Requested by the RAB.
- USGS and a RAB member were interviewed for article.
- Posting location of the article is being determined.





Future meetings

- **Future Meetings**

- Agenda Items

- Dates

- July 27, 2023

- October 19, 2023

- January 18, 2024

- April 18, 2024





Questions??

Public Comments

Closing Remarks

