Former Badger AAP RAB Meeting

October 20, 2022

RAB Agenda

- ✓Welcome and Opening Remarks
- ✓Roll Call
- ✓Review of the Minutes
- ✓Groundwater Sampling Update
- ✓Project Management Updates
- ✓Future Meetings
- ✓Questions and Closing Comments

Welcome/Opening Remarks

Former Badger Army Ammunition Plant Restoration Advisory Board

October 20, 2022

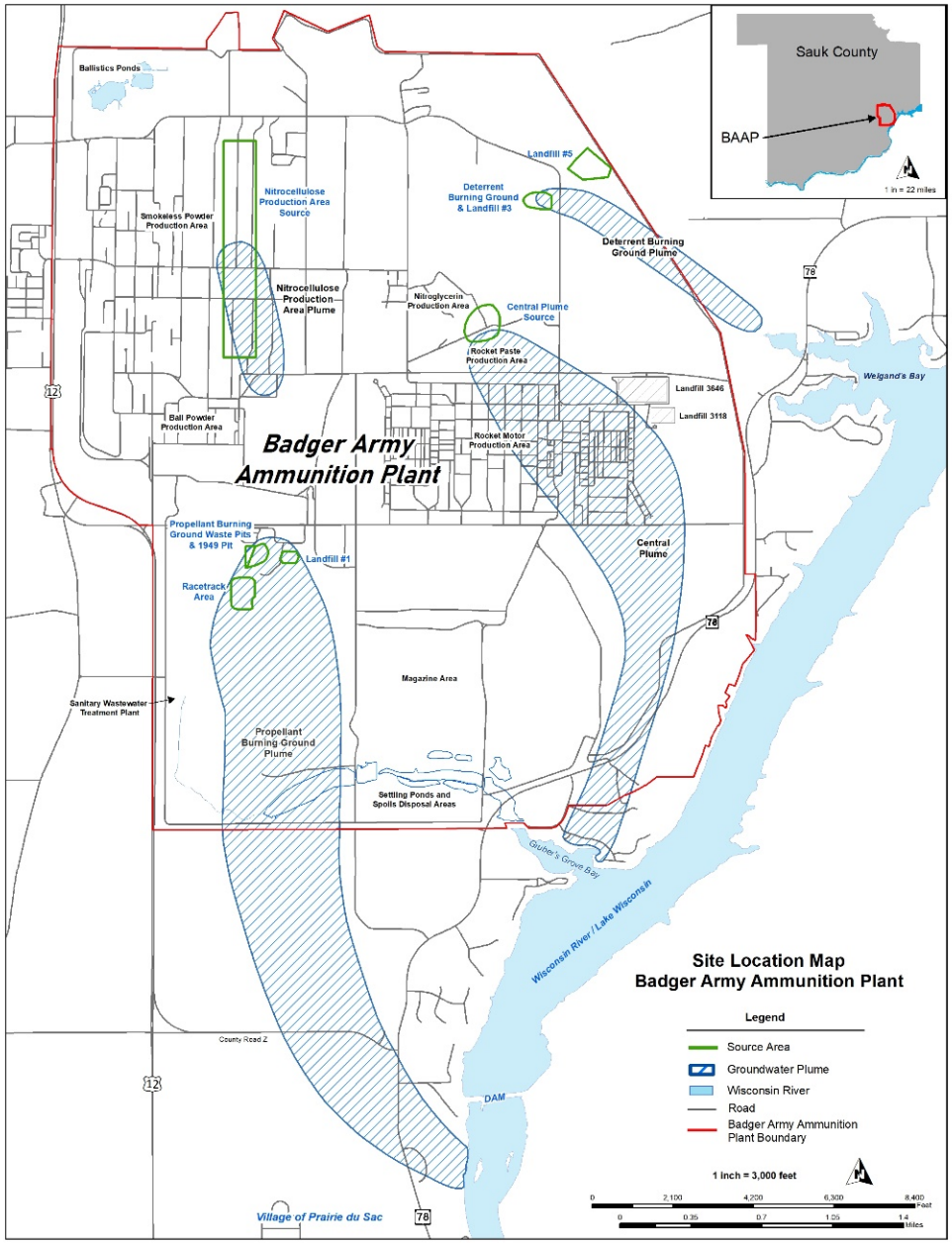
Roll Call of Members

Guest Introductions (optional)

Review of the Meeting Minutes from 4 Aug 2022

Groundwater Sampling Update

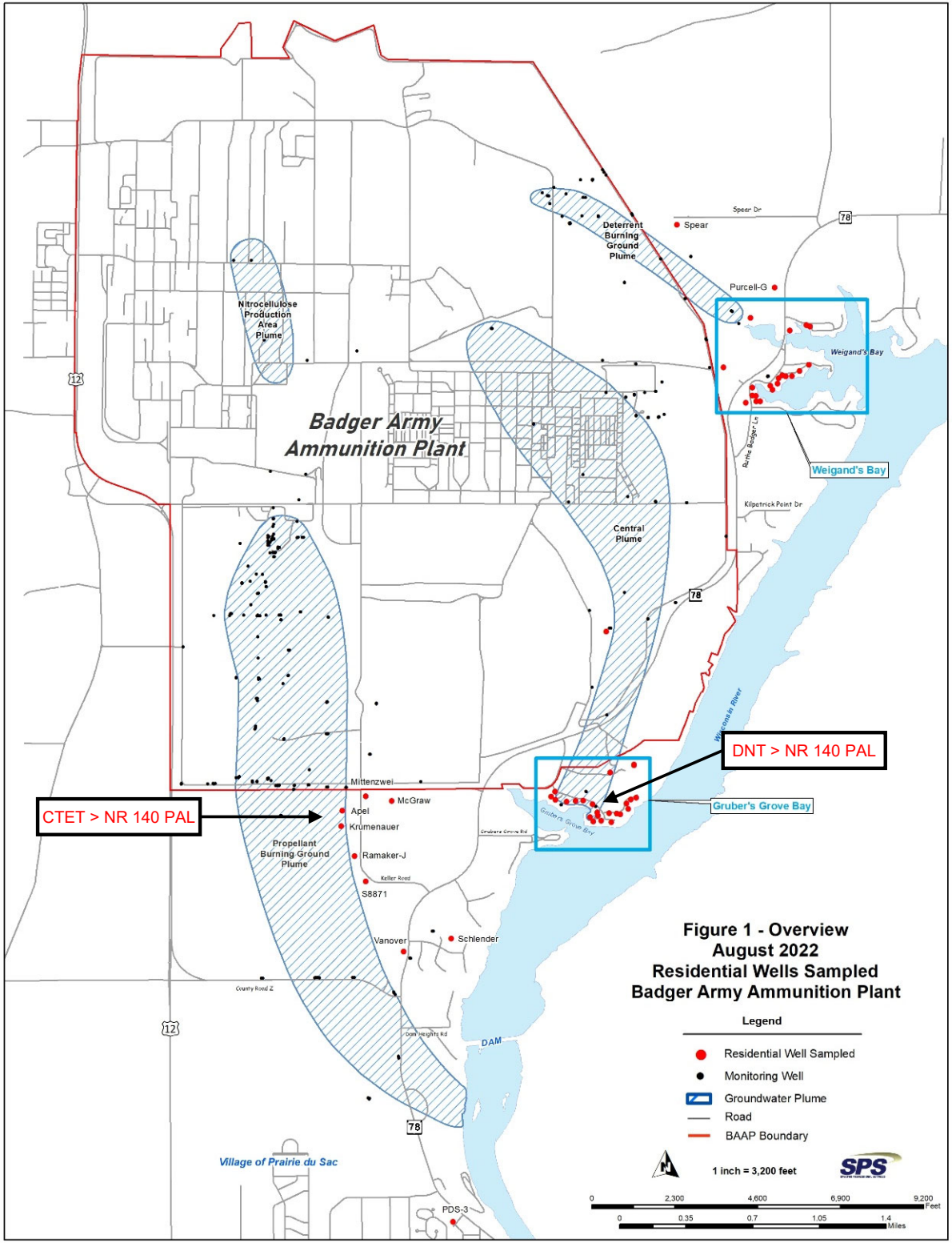
Groundwater Sampling Update



- August 2022 - Groundwater sampled in 55 residential wells - Annual event (WDNR submission – Sept 2022)
- September 2022 - Completed semi-annual groundwater sampling of 133 monitoring wells (results pending). Sampling was conducted in the DBG, Nitrocellulose & PBG Plumes.
- November 2022 - 16 monitoring wells in Central & DBG Plumes will be sampled

Residential Well Sampling August 2022

- 55 Residential wells sampled
- 3 Residential wells could not be sampled - no power
- 2,6-DNT & Total DNT exceeded NR 140 PAL in one well – well has history of DNT detections
- Carbon Tetrachloride (CTET) exceeded NR 140 PAL in one well – well has history of CTET detections



Project Management Updates

✓Groundwater Monitoring Network Optimization

- Based on USGS Trends Analysis Report - new well locations proposed in Deterrent Burning Ground and Propellant Burning Ground Plumes
- Draft Final Plan submitted for WDNR review 29 September
  - Proposed total of 8 new wells in the B, C and D zones
    - 2 wells in Deterrent Burning Ground Plume
    - 6 wells in Propellant Burning Ground Plume

Project Management Updates

✓Gruber's Grove Bay Remedial Action Alternatives Evaluation

- Contract awarded September 2022 to AECOM
  - Project Management Plan and Quality Control Plan submittal to Army for review October 27, 2022
  - Draft Desktop Supplemental Remedial Investigation due to Army December 30, 2022
  - Key near-term objectives:
    - Characterize the site to the extent necessary to support subsequent decisions;
    - Define the risk to human health and the environment posed by the site;
    - Refine and identify viable remedial action alternatives;
    - Identify applicable or relevant and appropriate requirements (ARARs); and
    - Evaluate the need for a Data Gap Investigation or treatability studies.

Project Management Updates

✓Proposed Plan (PP) for the Site-Wide Groundwater

- Draft PP under Army legal review
- Next step; WDNR review
- Army will hold a public meeting strictly to discuss the Groundwater PP
- 30-day Public Comment Period will solicit written comments/feedback

Project Management Updates

✓USGS Support FY23/24

- Continue Groundwater Modeling
  - modeling work will continue to focus on simulating contaminant transport at the Propellant Burning Ground plume, the Deterrent Burning Ground plume, and the Central Plume.
  - goal is to complete a base contaminant transport model
  - base contaminant transport model will be used to run model scenarios for the site under monitored natural attenuation and the additional remedial action(s) outlined in the proposed plan for Site-Wide Groundwater
- Initiate pilot study for groundwater treatment to inform remedial design for selected remedial action

Project Management Updates

✓2nd Five-Year Review

- Kickoff held for 2nd Five-Year Review on 17 October
- Site-visit expected mid-November to early December 2022 timeframe
- 2nd Five-Year Review due 2 July 2023

Project Management Updates

✓Key FY23 Contracting Actions

- Settling Pond Expanded Site Inspection
  - Includes Final Creek & Settling Ponds 1, 2, & 3
- Site-Wide Groundwater Monitoring Plan
- PFAS Remedial Investigation for Propellant Burning Ground
- Landfill #5 Repair of settled areas (contract modification)

Future meetings

- ✓**Future Meetings**
  - Agenda Items
  - Dates
    - January 19, 2023
    - April 20, 2023
    - July 20, 2023
    - October 19, 2023

Questions??

Public Comments

Closing Remarks