

CORNHUSKER ARMY AMMUNITION PLANT FIVE-YEAR REVIEW ADDENDUM

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"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



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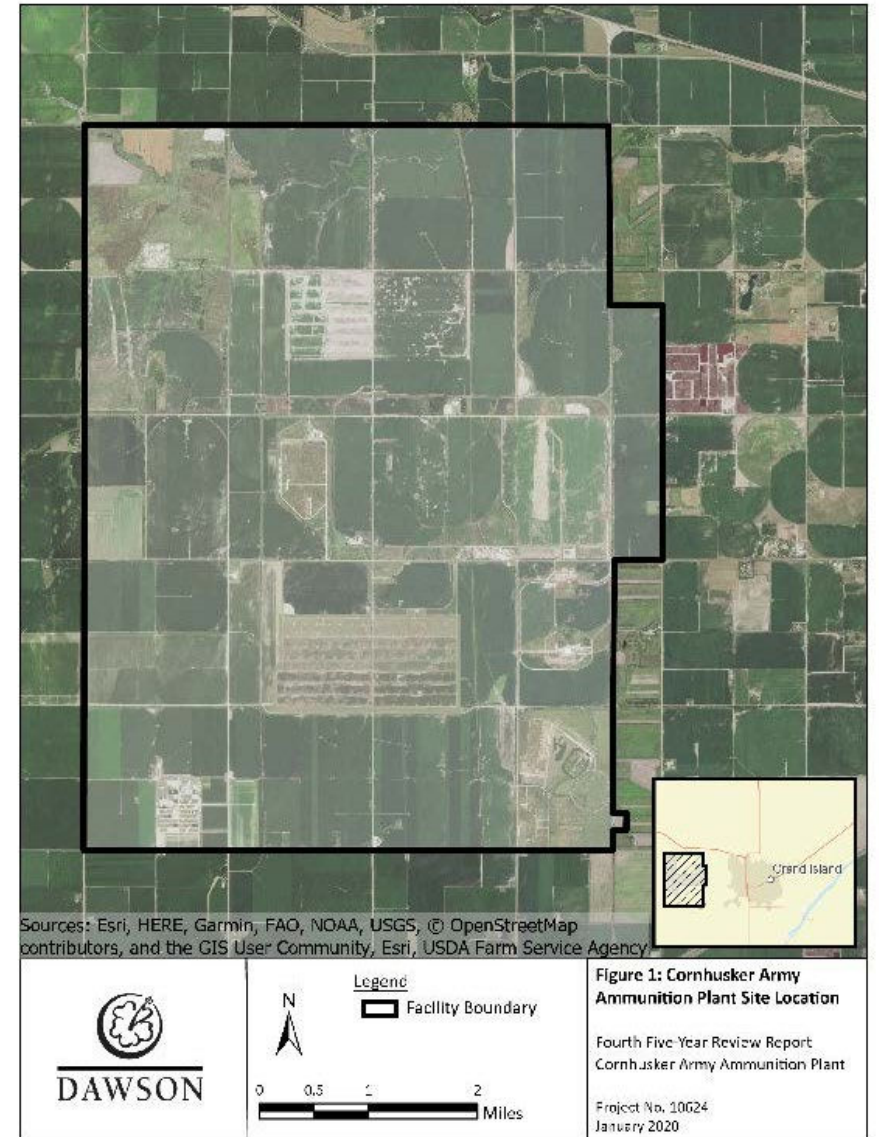
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The Final Fourth Five-Year Review for Cornhusker Army Ammunition Plant was signed September 18, 2020. EPA did not concur with the protectiveness findings and requested that a Five-Year Review Addendum be submitted to address their comments.

Scope of Work

- Sample Operable Unit (OU) 1 groundwater for perchlorate analysis
- Update the Ecological Risk Assessments for OUs 2, 3, and 4
- Address and resolve EPA comments on remedy protectiveness for OUs 1, 2, 3, and 4 via submittal of the Five-Year Review Addendum



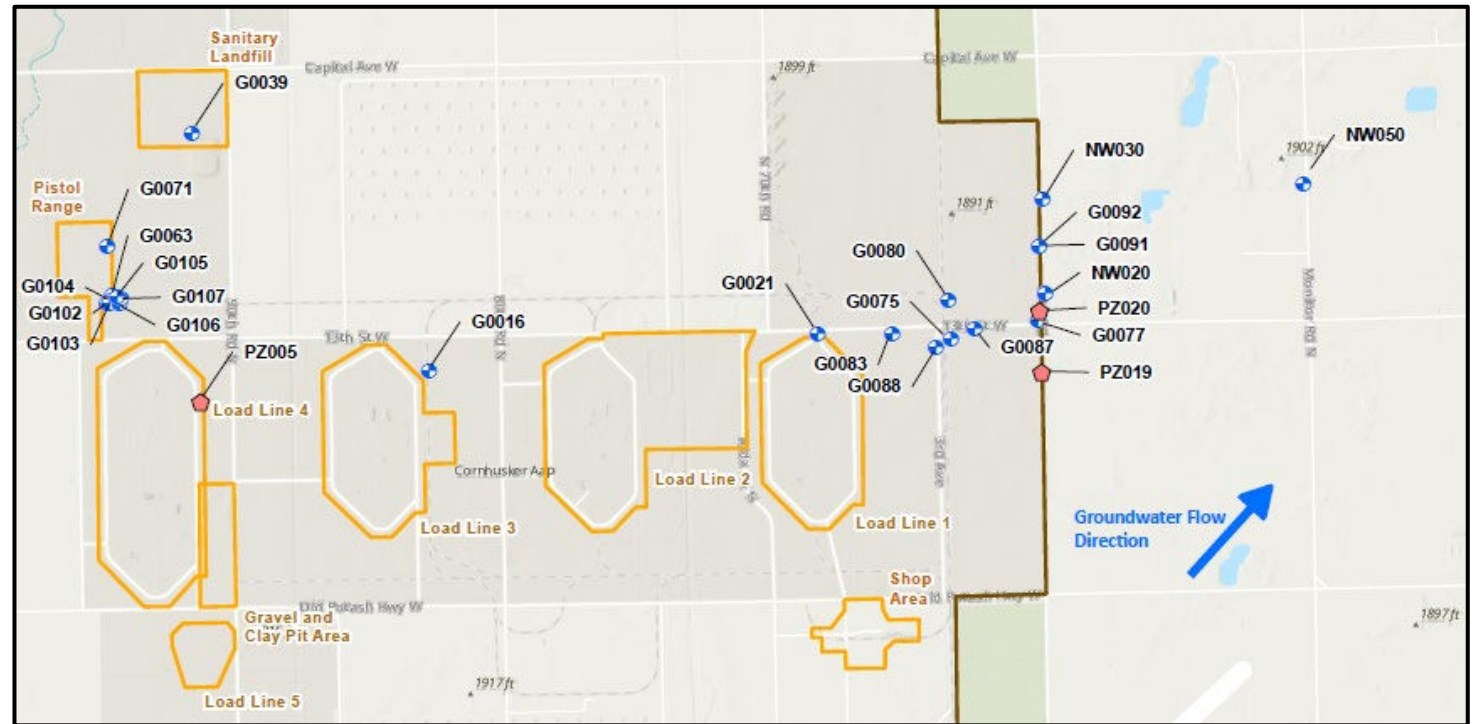


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Operable Unit (OU 1) – Load Lines 1 through 5 Groundwater

- Groundwater samples were collected from 23 monitoring wells in September 2022.
- Perchlorate was detected in groundwater samples from nine monitoring wells; the maximum concentration was 0.652 $\mu\text{g/L}$ compared with EPA's Preliminary Remediation Goal of 15 $\mu\text{g/L}$ and tapwater Regional Screening Level of 14 $\mu\text{g/L}$.
- **Next Steps:**
 - Groundwater Technical Memorandum
 - Response to EPA Comments on the Fourth Five-Year Review
 - Five-Year Review Addendum





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OU 2, 3, and 4 Ecological Risk Assessment Updates

- The previous Ecological Risk Assessment (ERA) for OUs 2, 3, and 4 was completed in 1996.
- EPA requested a thorough evaluation of ecological risk, necessitated by the passage of 24 years and the issuance of updated guidance, using the 1996 RI sample data.
- Next Steps:
 - Ecological Risk Assessment Update
 - Response to EPA Comments on the Fourth Five-Year Review
 - Five-Year Review Addendum



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Five-Year Review Addendum

- The results of the perchlorate sampling and ERA Update will be reported in an Addendum to the Fourth Five-Year Review for Cornhusker Army Ammunition Plant.
- The Addendum will provide a comprehensive review and summary of the perchlorate results and ERA Update to address EPA comments provided in their correspondence dated November 8, 2020, and November 18, 2020.
- The Addendum will be similar in style and format to the Fourth Five-Year Review signed on September 18, 2020.

Questions?