

Operable Unit (OU) 9 CONSTRUCTION DEBRIS SITES

Operable Unit 9 is in the beginning phase with a Feasibility Study to be completed. This document has not yet been scheduled.

Operable Unit (OU) 10 EXPLOSIVE DISPOSAL AREA

This Operable Unit has begun the Remedial Investigation phase and the Draft of the Remedial Investigation is due to the EPA at then end of April 2022 and should be finalized by October 2022.

Operable Unit (OU) 11 NO FURTHER ACTION SITES

Operable Unit 11 is in the Supplemental Remedial Action phase. The Uniform Federal Policy Quality Assurance Project Plan (UFP-QAPP) is being revised to address data gaps based on sampling results at one of the 20 sites included in

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OU11, Line 6. This document due date is not yet scheduled. The OU will also include a Proposed Plan to be completed in 2023 and a Decision Document, not yet scheduled.

Operable Unit (OU) 12 COMPLIANCE CLEANUP

Operable Unit 12 is also in the Supplemental Remedial Action phase. The Uniform Federal Policy Quality Assurance Project Plan (UFP-QAPP) is being revised to address data gaps based on sampling results at two of the OU12 sites. The document submission date has not yet been scheduled. A Proposed Plan and Decision Document will follow.

IOWA ARMY AMMUNITION PLANT

Environmental Restoration
17571 DMC Highway 79
Middletown, IA 52638-5000

Restoration News is an unofficial publication sent quarterly to inform the public of on-going and upcoming restoration events at the Iowa Army Ammunition Plant. Contents of *Restoration News* are unofficial and are not necessarily endorsed by the Joint Munitions and Lethality Life Cycle Management Command, the Department of the Army, the Department of Defense, or any other U.S. Government agency.

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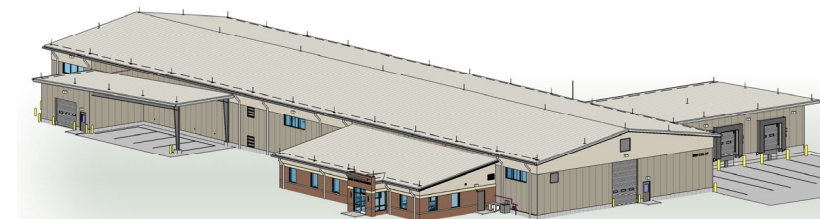


IAAAP CENTRALIZED SOLID WASTE FACILITY

The IAAAP Centralized Solid Waste Processing Center is the latest modernization project completed at the Iowa Army Ammunition Plant. The Processing Center serves as the central location for processing all solid wastes, neutralized hazardous wastes, and DEMIL of old or out of spec munitions.

The Processing Center will decrease landfill utilization and plant overhead rates. This new facility will not only be a significant Quality Work Environment enhancement for employees, but also increase environmental compliance by managing all waste more efficiently and will exceed DoD and HQDA requirements.

The Iowa Army Ammunition Plant (IAAAP) Centralized Solid Waste Facility will host a Ribbon Cutting Ceremony on 21 Apr 22 at 1000.



Website

Looking for other issues of *Restoration News*? You can find them at:

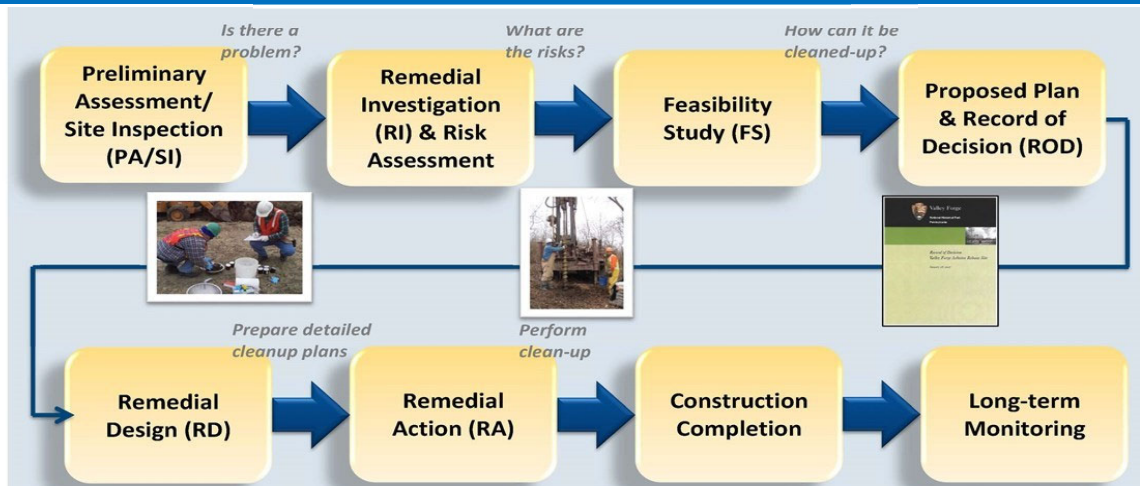
www.IAAPrestoration.com

RAB Meetings

Upcoming Restoration Advisory Board (RAB) Meetings 2022:

- July 19, 9-10:30 am
West Burlington City Hall
- October 18, 9-10:30 am
West Burlington City Hall

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) at a glance.



There are many required steps associated with an environmental cleanup process under CERCLA. Briefly, these steps are:

1. **Preliminary Assessment (PA)** - A historical record search to determine whether further investigation is warranted.
2. **Site Investigation (SI)** - Physical inspection of site with biased soil, sediment, surface water and groundwater sampling to determine whether further investigation is warranted.
3. **Remedial Investigation (RI)** - Investigation into the type and extent of potential contamination through in-depth sampling of air, soils, surface water, groundwater, plants, and animal life.
4. **Feasibility Study (FS)** - Evaluation of potential cleanup alternatives and selection of a proposed remedy.
5. **Proposed Plan (PP)** - Documentation of the feasible alternatives that are considered along with the proposed remedy. The public may comment on the proposed plan.
6. **Record of Decision (ROD)** - Documentation of the selected remedy with the Army's response to any public comments.
7. **Remedial Design (RD)** - Completion of the engineering design for the selected remedy.
8. **Remedial Action (RA)** - Commencement and operation of the selected remedy.
9. **Remedy In Place (RIP)** - Remedies could include fences, clay covers, on-site treatment, monitoring, among many other actions that could be taken at locations of releases.

IAAAP CERCLA PROGRESS REPORT

Operable Unit (OU) 1 SOIL

Operable Unit 1 was previously cleaned up to the buildings. Now that the buildings have been removed, it is in the Remedial Design phase and the Uniform Federal Policy Quality Assurance Project Plan has just been completed and sent to EPA for approval. This Operable Unit also has Land Use Controls (LUC) in place and the Annual LUC Report has also been sent to the EPA for approval.

Operable Unit (OU) 3 OFFSITE GROUND-WATER

This Operable Unit consists of one contaminated groundwater (gw) plume which is monitored annually. The Annual GW Monitoring Report will be submitted to EPA in May. There is also a Remedial Action Report in process, which will initiate the installation of injection wells. This action will speed up the cleaning process of the offsite plume.

Operable Unit (OU) 4 INERT DISPOSAL AREA

The Annual LUC and Operation & Maintenance (O&M) Report was submitted to EPA in March 2022. This document outlines the ongoing inspections and maintenance work recently completed related to any LUCs in place, such as fencing and signs to restrict access and prevent exposure to contaminants. This area includes a leachate collection and water treatment system that must be maintained and inspected. Treated water from the Granular Activated Carbon (GAC) Unit is sampled in order to ensure the cleaning system is working properly. Other O&M actions completed were inspecting fences and gates and ensuring vege-

tation was controlled, inspecting roadways and monitoring wells.

Operable Unit (OU) 5 Military Munitions Response Program (MMRP)

Operable Unit 5 has Land Use Controls (LUCs) in place and the LUC Implementation Report is due to the EPA in June. The After Action Report (AAR) was submitted to the EPA on April 11, 2022. This report documented LUC activities recently completed. Currently, the Army is in the process of revising the Proposed Plan for this Operable Unit in order to clean up 2.5 of the 4 MMRP sites to Unlimited Use/Unrestricted Exposure status.

Operable Unit (OU) 6 ONSITE GROUNDWATER

This Operable Unit is currently in the Remedial Investigation phase. The Re-Evaluation of Background Concentrations of Metals in Soil (BTV) Report became final on April 11, 2022. The Remedial Investigation document is still in the Internal Draft stage and is currently being reviewed.

Operable Unit (OU) 7 MISCELLANEOUS SITES

Operable Unit 7 is in the Remedial Investigation Phase and the RI date has not yet been determined.

Operable Unit (OU) 8 Formerly Utilized Sites Remedial Action Program (FUSRAP)

Operable Unit 8 is currently in the Remedial Action phase and will have a soil sorting machine delivered on April 12, 2022 to aid in the ongoing firing sites cleanup process.

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