



US Army Corps
of Engineers
Omaha District

Iowa Army Ammunition Plant (IAAAP), Iowa

Authority: The Army's Environmental Restoration Program

Stakeholders: U.S. Army (IAAAP & Army Environmental Center), U.S. Environmental Protection Agency (Region 7), Iowa Department of

Natural Resources, U.S. Army Corps of Engineers (USACE, Omaha District), citizens & private property owners near the IAAAP.



LOCATION AND DESCRIPTION: The IAAAP is located about 8 miles west of downtown Burlington, and it covers about 19,000 acres of property adjacent to the City of Middletown. The IAAAP is currently an active facility with a mission to load, assemble, and pack military munitions. Prior tenants included the former Atomic Energy Commission.

PROBLEM AND NEED: Historical military operations at the IAAAP resulted in the release of contaminants (primarily explosives, metals, and solvents/fuels) to soil, sediments, groundwater, and surface water at numerous sites scattered across the industrial areas of the facility. Some private properties near the IAAAP have been impacted by contaminated groundwater

and surface water. Due to this contamination, the IAAAP was placed on the U.S. Environmental Protection Agency's National Priorities List in 1990. To date, the Army has spent approximately 95 million dollars to investigate and clean up the IAAAP. The majority of remedial studies have been completed and several remedial actions have been put into place. Several hundred thousand cubic yards of contaminated soil have been excavated from various sites. Most of that soil has been placed into an on-site soil repository. The most heavily contaminated soil has been, or will be, treated to destroy or immobilize contaminants. Multiple groundwater plumes are being, or will be, treated to remove contaminants from source areas and to prevent further migration of contaminants. The remaining program is focused on groundwater treatment systems, "hot spot" cleanups, monitoring of several groundwater plumes, surface water cleanup, residual soil cleanups, treatment of contaminated soil stockpiles, and closure of the on-site soil repository.

PROPOSED ACTIVITIES FOR FY08:

Continue groundwater and surface water treatment and monitoring projects. Complete soil remediation projects and begin closure of the IAAAP's on-site soil repository.

<u>Financial Data</u>	<u>Amount</u>
FY07 Anticipated Allocation – USACE	\$55,000
FY08 Budget Request	\$30,000

ISSUES AND OTHER INFORMATION: The USACE started work on the environmental restoration program at the IAAAP in about 1992. Primary execution was transferred from USACE to an Army performance-based contract (with Tetra Tech) in 2004. As a result, USACE is currently providing only limited environmental restoration support (primarily for real estate and historical information) to the IAAAP.