



**US Army Corps  
of Engineers®**  
New York District

# FORMERLY USED DEFENSE SITES (FUDS)

## Former Raritan Arsenal Edison, New Jersey

**FACT SHEET**

**December 2011**

**DESCRIPTION:** Raritan Arsenal occupied approximately 3,200 acres and was bounded by Woodbridge Avenue and the Raritan River between Mill Road and Clearview Avenue in Edison, New Jersey, Congressional District NJ-6. The Former Raritan Arsenal was used extensively for U.S. Army operations from 1917 to 1963. Operations included receipt, storage, and maintenance of ammunition shipped from other ordnance facilities or returned from overseas; renovation of ammunition designated for long-term storage; the salvage of outmoded or seriously deteriorated ammunition; ordnance research and development; and shipment and receipt of weapons. During operations, waste materials, including ordnance, were routinely buried on site as this was the standard method of disposal at that time. The arsenal was closed in 1963. Following closure, areas of the site were identified for further study to address the disposal of ordnance and other wastes related to arsenal operations. This preliminary remediation work resulted in many of the areas being surface cleared or partially decontaminated. More extensive investigations followed, including work under the Defense Environmental Restoration Program (DERP) for Formerly Used Defense Sites (FUDS) program.

**AUTHORIZATION/PROJECT DESCRIPTION:** The former Raritan Arsenal is being investigated under the Defense Environmental Restoration Program (DERP) for Formerly Used Defense Sites (FUDS). The Superfund Amendments and Reauthorization Act of 1986 authorized that program. Corps investigations of the former arsenal concluded that conventional, high explosive ordnance and hazardous and toxic waste (HTW) contamination are present. As significant health and safety threats were identified, they have been addressed.

### **STATUS:**

- Area 5: Commenced Project Close-Out (PCO) process to document the completion of chemical warfare materiel (CWM) removal at Area 5. Generate a Remedial Investigation report.
- Area 12: Ordnance removal activity completed - October 2011; A Site Specific Final report will be generated and submitted to NJDEP for review – Winter 2011
- Area 18E: Public comment review period of the Engineering Evaluation Cost Analysis (EE/CA) for Area 18E Soil Removal Actions completed November 2011. Soil removal action commenced – late November 2011 and will be completed by January 2012. Prepare a Remedial Action Completion Report – Winter 2011
- Site-wide Military Munitions Response Program (MMRP): Commence investigation of the awarded areas; Prepare Remedial Investigation report
- Continue an indoor air quality evaluations and monitoring (10 buildings)
- Annual Indoor Air Quality monitoring report #6 submitted to NJDEP and landowners.
- Annual Indoor Air Quality monitoring report #7 being finalized to be submitted to NJDEP and landowners – Winter 2011.
- Draft – Site-Wide Human Health Risk Assessment finalized.
- A Groundwater / Vapor Intrusion Feasibility Study currently in draft version being finalized.
- Draft – Ecological Risk Management Report currently being finalized.

- Draft – Groundwater Remedial Action Work Plan Progress report currently submitted to NJDEP.
- Draft – Groundwater Compliance Monitoring Progress Report submitted to NJDEP.
- Final – Supplemental Remedial Investigation Report on Area 18E submitted to NJDEP.
- Revision 1 – Remedial Action Work Plan for Area 18E Removal Actions submitted to NJDEP.
- Phase I – Well Abandonment Trip Report submitted to NJDEP.
- GW Long Term Monitoring (Monitored Natural Attenuation) addendum – Summer 2012
- Prepare Proposed Plan / Decision Document for Middlesex County College, Thomas Edison Park, Commercial / Industrial Area, USEPA property
- Prepare Final – Preliminary Remediation Goals (Human Health Risk Assessment)
- Prepare Final – Ecological Risk Management Report
- Prepare Final – Groundwater Remedial Action Work Plan Progress Report
- Prepare Final – Groundwater Compliance Monitoring Progress Report
- Prepare Draft Phase II – Well Abandonment Work Plan
- Revise Management Action Plan
- Update Community Relations Plan

## **PROJECT COST:**

### Federal (FUDS Program):

Prior years funding plus current year: \$75 million (as of FY 2012)

Ordnance investigations and removals: \$25 million (as of FY 2012)

Hazardous, Toxic and Waste (HTW) remedial investigations: \$50 million (as of FY 2012)

Anticipated cost to complete (future years): \$50 million

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A project website has been established at:

<http://www.nan.usace.army.mil/business/buslinks/raritan/index.htm>