



**U.S. Army Corps
of Engineers
Huntsville Center®**

Environmental Program

Background

To support the Department of Defense commitment to environmental stewardship, Huntsville Center has a wide range of capabilities. It has managed environmental investigations at hundreds of DOD sites; at large active facilities, formerly-owned or used properties, Government-owned contractor-operated locations, training areas, maintenance areas, storage areas and spill sites.

Mission

Huntsville Center provides project design and environmental services focusing on investigations and remediations at DOD Superfund level (CERCLA) and Base Realignment and Closure (BRAC) sites. HNC has supported the Defense Logistics Agency (DLA) at large facilities around the country, and now provides

environmental services at many of DLA's Defense National Stockpile Center storage facilities.

HNC also provides environmental services to Corps Districts. HNC acts as central manager, executing CERCLA/RCRA phases; performing Environmental Compliance Assessments Surveys (ECAS); establishing Environmental Management Systems (EMS); and managing programmatic integration of site data, schedules and budgets.



An environmental technician collects samples from a test well for chemical analysis.

Process

When a DOD component has a need for environmental engineering services, a multi-phase process towards EPA regulatory compliance begins.

The first phase is a *Preliminary Assessment (PA)*. That phase determines whether evidence exists indicating

environmental contamination might be present at the site.

If the PA indicates the need, a *Site Investigation (SI)* is performed. The SI identifies all locations on the site with potential for containing contaminants.

If site conditions warrant further study, a *Remedial Investigation (RI)* is performed. In that phase the extent, types, and progress of

contaminants are studied in detail. Following the RI, a *Feasibility Study (FS)* is performed to determine viable technical solutions for a given location on the site. Once Stakeholder concurrence is reached, a Record of Decision (ROD) is prepared to document a clean-up decision.

Selection of the best technical approach is followed by the *Remedial Design (RD)* phase, where engineers develop a remediation system and plan. After the design is approved, the *Remedial Action Construction (RAC)* phase begins, generally under management of the local Corps District. Huntsville Center provides oversight of remedial actions.

In projects such as the application of groundwater treatment systems, the RAC phase can extend through operations and maintenance until the location is no longer considered hazardous. The final phase is *Long-Term Monitoring*. During that phase, the location is periodically re-examined to determine progress towards normalization.

Huntsville Center also provides support for a multi-level environmental data storage and retrieval system, and is integrating this system with Geographic Information System (GIS) techniques to produce an internet-accessible project information technical repository. The Center also performs remediation pilot studies and asbestos abatement surveys.

Customers

Huntsville Center's Environmental mission provides support to clients located from New York to California. Currently, the Center provides services to the following DoD sites:

Defense Depot Memphis, Tennessee
Defense Supply Center Richmond, Virginia
Defense Depot Susquehanna, Pennsylvania
Defense Distribution Depot San Joaquin, California
Defense Depot Seneca, New York
30 Defense National Stockpile Center (DNSC) sites nationwide

Information

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Fact Sheet Information:
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256.895.1692
<http://www.hnd.usace.army.mil>
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