

**FACT SHEET - CONSTRUCTION  
DENVER FEDERAL CENTER REMEDIATION  
LAKEWOOD, CO**

Congressional District: 07

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**Project Summary**

The General Services Administration (GSA) proposes remediation work to multiple sites that are located at the Denver Federal Center (DFC). Under the Resources Conservation and Recovery Act (RCRA) Consent Orders Program, the State of Colorado requires cleanup of these sites. RCRA is Federal legislation enacted in 1976 that is aimed at protecting the environment. RCRA addresses the treatment, storage, disposal, and cleanup of hazardous waste.

GSA is required by the State of Colorado to complete this remediation in order to satisfy the three state consent orders. This remediation will ensure that future land development will be unrestricted and that future tenants and visitors of the DFC are safe from exposure to contaminated soil and water.

**Proposed Project**

Most of the buildings on the Denver Federal Center were constructed in 1941 for the Denver Ordnance Plant that produced ammunition in support of World War II (WWII). The DFC has since been used by more than 27 different Federal Agencies in the intervening 68 years. Agencies have used the property for many reasons including but not limited to: pesticide and herbicide testing, animal testing, landfills (disposal of waste and construction debris), storage of hazardous materials, firing ranges, burn pits, underground storage tanks (USTs) that have leaked, a waste water treatment plant, and disposal of asbestos containing material (ACM). Based on historical review of the DFC, GSA has identified over 600 features that have potentially managed, disposed of, or used hazardous materials at this facility. There are 600 different features that are located within 27 geographic areas at the DFC.

The DFC has three main solvent plumes in groundwater on the east half of the facility which has been sourced from known locations such as the Federal Highway Administration's (FHWA) leaking waste solvent tank and other unknown sources such as facilities that were run during the WWII era. In the southwest portion of the DFC there are several more plumes with petroleum and solvents that are also affecting the groundwater.

Localized soil and sediment contamination has been identified. Contamination includes pesticides, herbicides, metals and polynuclear aromatic hydrocarbon (PAH). Additionally, large areas of asbestos in the soil have been identified, related to historic building demolition practices and on-site disposal of these materials. Metals and PAH contamination have also been identified in surface water.

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This project has accomplished varying levels of work on 27 different geographic areas on the facility. All parts of the facility are in some stage of investigation and cleanup under the RCRA Consent Order Program. GSA is seeking funding to undertake additional environmental remediation necessary to satisfy the consent orders and prepare the land for future development.

To date, the overall remediation and cleanup program has focused on two different types of remedial action at this facility including groundwater treatment by a passive iron fillings wall and soil removal. Further remediation techniques that will most likely be used in the future will include in-place water treatment by chemical oxidation.

**Project Budget and Schedule:**

FY 2004	\$ 6,000,000
FY 2008	1,642,000 <sup>1</sup>
FY 2009	10,472,000
FY 2010	9,962,000
Future Fiscal Year	<u>17,264,000</u>
	\$45,340,000 <sup>2</sup>

**FY 2010 Funding Request: ..... \$9,962,000**

<sup>1</sup> Funding was provided in a FY2008 Reprogramming request.

<sup>2</sup> The total program estimates increased by \$18,205,000 since GSA's FY2009 President's Budget Request. This is due to refined estimates, and better defined areas requiring remediation, as well as the volume of waste and/or contaminated soil.