



Jersey City, New Jersey

A FUSRAP SITE

This fact sheet provides information about the **Jersey City site**. Long-term stewardship responsibilities for this site are managed by the **U.S. Department of Energy Office of Legacy Management** under the **Formerly Utilized Sites Remedial Action Program**.

Site Information and History

The Jersey City, New Jersey, Site (formerly known as the Kellex/Pierpont site and as the Kellex Laboratory site) is located at the intersection of New Jersey Route 440 and Kellog Street. The approximately 43-acre site was used for research, and more than 20 buildings contained radioactive materials. The Kellex Corporation (Kellex) operated the site between 1943 and 1953. One of the buildings was decontaminated and demolished in 1953, leaving only the concrete pad, and all the original buildings have since been demolished as well.

Kellex played a major role in the Manhattan Project, as it designed and constructed the first gaseous diffusion uranium enrichment plant under a 1942 U.S. Army Corps of Engineers Manhattan Engineer District (MED) contract. Work for the MED and its successor agency, the U.S. Atomic Energy Commission (AEC), continued until 1952 and included research and development of fuel reprocessing and component testing with uranium hexafluoride, as well as development and use of uranium processing and recovery techniques. Additional work under AEC contracts continued until 1953. This and other work resulted in elevated radioactivity in a few isolated and well-defined

areas on or near the Kellex Laboratory and in several spotty areas in the northern and western portions of the site.

A radiological survey of the site was conducted in 1977. The initial remedial action at the Jersey City site began in July 1979 and was completed in January 1980. This effort was devoted to the decontamination of three small land areas on the portion of the site known as the Delco-Levco property, which was being developed into a shopping area.

The U.S. Department of Energy (DOE) completed additional remedial action in 1981 with the removal of the remaining contaminated soil and debris from the site. A total of 273 cubic yards of low-activity radioactive waste was shipped to and disposed of at Barnwell. Remediation of the Jersey City site was performed under the Formerly Utilized Sites Remedial Action Program (FUSRAP).

A shopping center was constructed in the central portion of the site, and a supermarket is located near the south end of the property. The remainder of the various parcels that make up the site are privately owned and used for commercial or residential purposes.

Regulatory Setting

AEC, the predecessor agency to DOE, established FUSRAP in March 1974 to evaluate radioactive contamination at sites used in the development of the nation's nuclear weapons and atomic energy programs. DOE has the legislative authority under the Atomic Energy Act (AEA) of 1954, as amended, to perform radiological surveys, monitoring, and maintenance at sites used to support the nuclear activities of DOE's predecessor agencies. DOE also has legislative authority under the AEA to remediate FUSRAP sites identified as requiring some form of response action. In 1997, Congress transferred responsibility for FUSRAP site characterization and remediation from DOE to the U.S. Army Corps of Engineers. The DOE Office of Legacy Management (LM) retains responsibility for long-term care of remediated FUSRAP sites. For more information about the program, please see the [FUSRAP fact sheet](#).

The Jersey City site was remediated to site-specific criteria concurred by the state of New Jersey. A notice of cleanup certification for the site was published in the Federal Register on October 4, 1983.

In fiscal year 2004, DOE transferred long-term stewardship responsibilities for the Jersey City FUSRAP site from the DOE Office of Environmental Management to LM.

Current Site Conditions

Post-remedial action survey data indicate that the radiological condition of the Jersey City site is in compliance with applicable DOE standards and guidelines for cleanup of residual radioactive contamination. An independent verification survey conducted after the completion of remedial action detected no residual radioactivity that exceeded current guidelines. Therefore, DOE released the site for unrestricted use.

Legacy Management Activities

No monitoring, maintenance, or site inspections are required for the Jersey City site. LM's responsibilities consist of managing site records and responding to stakeholder inquiries.

Contact Information

In case of an emergency at the site, contact 911.

LM toll-free emergency hotline: **(877) 695-5322**

Site-specific documents related to the **Jersey City, New Jersey, Site** are available on the LM website at www.energy.gov/lm/jersey-city-new-jersey-site.

For more information on FUSRAP site history or current long-term stewardship activities, contact:

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