



U.S. Army Corps of Engineers Buffalo District

Building Strong®

June 2014

Formerly Utilized Sites Remedial Action Program

The Formerly Utilized Sites Remedial Action Program (FUSRAP) was initiated in 1974 to identify, investigate, and clean up or control sites throughout the United States that were contaminated by activities conducted as part of the nation's early atomic weapons and energy programs during the 1940s, 1950s, and 1960s. Congress transferred the execution of FUSRAP from the U.S. Department of Energy (DOE) to the U.S. Army Corps of Engineers in 1997. The Corps of Engineers implements FUSRAP in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended, and the National Oil and Hazardous Substances Pollution Contingency Plan, Title 40 of the Code of Federal Regulations, Part 300.



Painesville Site Remediation

Site Description

The Painesville FUSRAP Site is a privately-owned, 30-acre lot located at 720 Fairport Nursery Road in the Township of Painesville, Lake County, Ohio, approximately 22 miles northeast of downtown Cleveland. During active operations the Painesville Site was covered by process buildings, warehouses, office buildings, above-ground storage tanks and rail spurs. At present, all but one of the buildings have been removed by the property owner.

Site History

In the early 1940s, the Defense Plant Corporation financed construction of a magnesium production facility on property acquired by the federal government. The Diamond Magnesium Company operated the facility under contract to the federal government from 1942 to 1953. Between 1952 and 1953, Diamond Magnesium received about 1,650 tons of radioactively contaminated scrap steel from the Lake Ontario Storage Area (now the Niagara Falls Storage Site), for use in the magnesium production process.

In 1963, the General Services Administration sold the facility to the U.S. Rubber Company, which later became the Uniroyal Chemical Company. The Uniroyal Chemical Company produced nitrile rubber, polyvinyl chloride nitrile rubber, and various polymers at the site until 1999, when they closed the facility and were acquired by the Crompton Manufacturing Company, Inc. (now known as the Chemtura Corporation).

The Painesville Site was designated into FUSRAP by the DOE in 1992, based on preliminary investigations completed by the DOE in 1990 and 1991. The DOE conducted a more detailed investigation of the site in 1996. In 1998 the Corps of Engineers conducted a removal action at the site, removing approximately 1,300 cubic yards (cy) of FUSRAP-contaminated soil before suspending work due to the onset of winter conditions and discovery that the extent of contamination was greater than anticipated. The Corps of Engineers then completed a remedial investigation and feasibility study of the Painesville FUSRAP Site in 2003, to determine the extent of FUSRAP-related soil contamination and develop remedial alternatives to address it.

The Corps of Engineers signed the record of decision (ROD) for the Painesville FUSRAP Site on April 7, 2006. The selected remedy for cleanup of the Painesville FUSRAP Site, documented in the ROD, was *Excavation and Off-Site Disposal*. Site remediation began in April 2007. Approximately 9,400 cy of contaminated soil were excavated and disposed of off site in 2007 and 2008, until the discovery of additional quantities of contaminated soil forced a temporary halt in remediation in March 2008 due to lack of funding.

Funding provided in 2009 under the American Recovery and Reinvestment Act (ARRA) allowed resumption of site remediation in June 2010, using an innovative soil-segregation technology to minimize the potential for non-contaminated soil being shipped off site for disposal.

Status of the Site

The Corps of Engineers completed final remediation of the Painesville FUSRAP Site soils in August 2011. Between the three site cleanup efforts a total of 14,800 cy of FUSRAP-contaminated material was shipped off site for disposal. During 2014 the Corps of Engineers completed the site closeout report for the Painesville FUSRAP Site and provided it to DOE's Office of Legacy Management. The Corps of Engineers is currently preparing to transfer the site to the DOE for long-term stewardship.

Administrative Record

The administrative record file for the Painesville FUSRAP Site contains the record of decision and all supporting documents. It is available for review at the following locations:

Fairport Public Library
335 Vine Street
Fairport Harbor, Ohio 44077

Morley Library
184 Phelps Street
Painesville, OH 44077

U.S. Army Corps of Engineers
(by appointment)
1776 Niagara Street
Buffalo, NY 14207

U.S. ARMY CORPS OF ENGINEERS – BUFFALO DISTRICT FUSRAP TEAM

1776 NIAGARA STREET, BUFFALO, N.Y. 14207

Phone: 800-833-6390 (Option 4)

Email: fusrap@usace.army.mil

Website: <http://www.lrb.usace.army.mil/Missions/HTRW/FUSRAP/PainesvilleSite.aspx>