



U.S. Army Corps of Engineers Buffalo District

May 2011

Building Strong®

Formerly Utilized Sites Remedial Action Program (FUSRAP)

FUSRAP was initiated in 1974 to identify, investigate, and clean up or control sites throughout the United States that were part of the Nation's early atomic weapons and energy programs during the 1940s, 1950s, and 1960s. Congress transferred the management of FUSRAP from the U.S. Department of Energy to the U.S. Army Corps of Engineers in 1997. When implementing FUSRAP, the Corps follows the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan.



Painesville Site Remediation

Site Description

The Painesville FUSRAP Site is a 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 Ordnance Works, 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 30-acre Painesville Site was designated into the Formerly Utilized Sites Remedial Action Program (FUSRAP) by the Department of Energy (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 U.S. Army Corps of Engineers (Corps) conducted a removal action at the site, removing approximately 1,300 cubic yards (cy) of 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 then completed a Remedial Investigation and Feasibility Study of the Painesville Site in 2003, to determine the extent of soil contamination and develop remedial alternatives to address it.

Status of the Site

The Corps signed the Record of Decision (ROD) for the Painesville Site on April 7, 2006. The Selected Remedy for cleanup of the Painesville Site, documented in the ROD, was Excavation and Off-Site Disposal. Site remediation began in April 2007. Approximately 9,400 cubic yards (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. Site remediation is currently ongoing, and is scheduled to be completed in 2012.

Administrative Record

The Administrative Record File for the Painesville Site contains the Record of Decision and all supporting documents. It is available for your 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/fusrap/paine/index.htm>