

## SITE DESCRIPTION

The Former Harshaw Chemical Site is a 55-acre industrial facility located five miles southwest of downtown Cleveland in Cuyahoga County, Ohio. The main portion of the facility included over 30 buildings on approximately 16 acres of land. The site is located in a low-lying area adjacent to the Cuyahoga River and Big Creek and is surrounded on three sides by industries.

From 1944 to 1959, the former Harshaw Chemical Company was contracted by the Manhattan Engineering District (MED) and the Atomic Energy Commission (AEC) to produce uranium for isotopic separation and enrichment in Oak Ridge, Tennessee. In 1960, the site was released for unrestricted use by the AEC.

## WHAT IS FUSRAP?

FUSRAP stands for the Formerly Utilized Sites Remedial Action Program, a program initiated in 1974 to identify, investigate and clean up or control sites that were part of the Nation's early atomic energy and weapons program. Activities at sites that are eligible for FUSRAP were conducted by the Manhattan Engineer District (MED) or the Atomic Energy Commission (AEC), both predecessors of the Department of Energy (DOE).

## MISSION AND OBJECTIVES

The FUSRAP mission is to identify, evaluate, and clean up or control sites where residual radioactivity exceeding current guidelines remains from MED/AEC contract activities and other sites assigned by Congress. USACE FUSRAP objectives are to safely, effectively and efficiently:

- ✓ Identify and evaluate sites where authority and a need for response action exists.
- ✓ Clean-up or control the sites to ensure protection of public health and the environment.
- ✓ Dispose or stabilize radioactive material in a way that is safe for the public and the environment.
- ✓ Perform work in compliance with applicable federal, state, and local environmental laws and regulations.
- ✓ Release sites for appropriate future use.

## COMMUNITY INVOLVEMENT

The U.S. Army Corps of Engineers is committed to informing and involving the public as it moves through the CERCLA process during the investigation and potential cleanup of the Former Harshaw Chemical Site and has established the following overall goals for the community involvement program. The Corps will:

- ✓ Foster and maintain a climate of understanding and trust between the public and the Corps.
- ✓ Communicate our commitment to protect human health and the environment during FUSRAP activities at the Former Harshaw Chemical Site.
- ✓ Encourage and enable the public to get involved and provide input.
- ✓ Listen carefully to what the public says.
- ✓ Identify and deal responsively with public concerns.
- ✓ Change planned actions where public comments or concerns have merit.

Documents available for public review are located at:

**Cuyahoga County Public Library  
Brooklyn Branch**  
4480 Ridge Road  
Brooklyn, Ohio 44144  
216.398.6440

If you have questions, please contact:



### FUSRAP Team

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US Army Corps  
of Engineers ®  
Buffalo District

## FORMER HARSHAW CHEMICAL SITE

CLEVELAND, OHIO



## FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM

January 2010

# FORMER HARSHAW CHEMICAL SITE



## THESE ARE THE STEPS WE FOLLOW IN THE FUSRAP PROCESS

### PRELIMINARY ASSESSMENT

The U.S. Army Corps of Engineers completed a Preliminary Assessment of the site in April 2001, which recommended additional investigations to determine the extent of FUSRAP contamination at the site.

### SITE INSPECTION

During this step, data is gathered to determine if hazardous substances are present at the site and if they are posing a threat to human health and the environment. Investigators determine if these substances are migrating to the surrounding areas and evaluate whether or not the site should proceed to the next phase of investigation.

### REMEDIAL INVESTIGATION

A Remedial Investigation was performed to collect data to characterize site conditions, determine the nature of waste, and assess risk to human health and the environment. Results were summarized in the 2009 *Remedial Investigation Report, Revision 1*.

### FEASIBILITY STUDY

A Feasibility Study is the mechanism for the development, screening, and detailed evaluation of the remedial alternatives to address any contamination identified in the Remedial Investigation.

### PROPOSED PLAN

The Proposed Plan is a document used to facilitate public involvement in the remedy selection process. It presents the preliminary recommendation on how best to address contamination at the site, presents alternatives that were evaluated, and explains the reasons for recommending the Preferred Alternative.

### RECORD OF DECISION

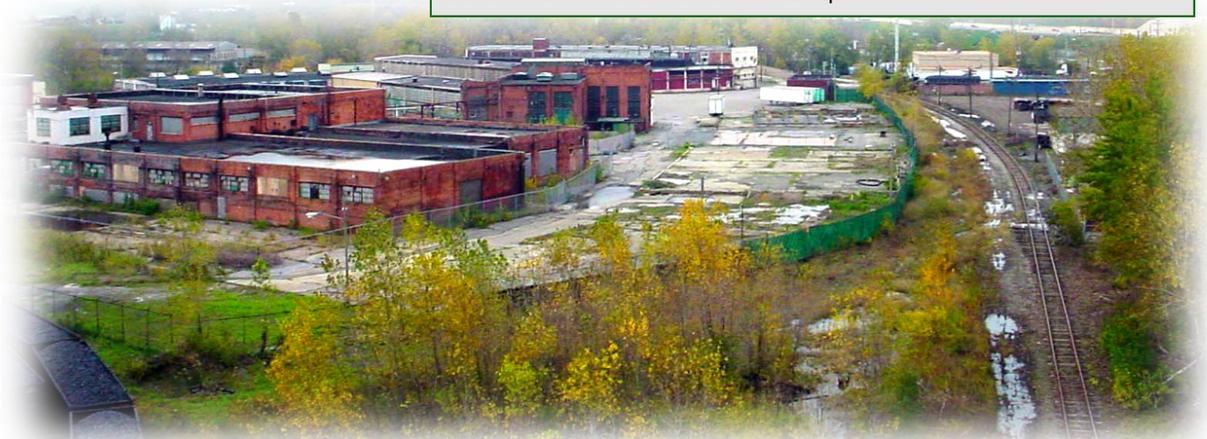
The Record of Decision is a public document that explains which remedial alternative will be used to clean up the site.

## CERCLA

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) was enacted by Congress on December 11, 1980. This law:

- ✓ Established prohibitions and requirements concerning closed and abandoned hazardous waste sites.
- ✓ Provided for liability of persons responsible for releases of hazardous waste at these sites.
- ✓ Authorizes response actions for both short-term removals and long-term remedial response actions to permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances.
- ✓ Followed by U.S. Army Corps of Engineers (USACE), Buffalo District, when implementing FUSRAP.

# FUSRAP Process



US Army Corps  
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