



US Army Corps  
of Engineers®  
Buffalo District

# Harshaw Chemical Company Site Timeline From 1905 to 1999

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Purchased by the Harshaw, Fuller & Goodwin Company; manufactured chemical solvents, metal salts, fluorides, hydrofluoric acids, and other chemical products.

Historical documents indicate the Harshaw Chemical Company held numerous Atomic Energy Commission (AEC) licenses authorizing the use and possession of specific radioactive materials. As part of the AEC licensing program, the company was required to maintain radioactive material control and management procedures.

Primary uranium compound production contract from the AEC was complete.

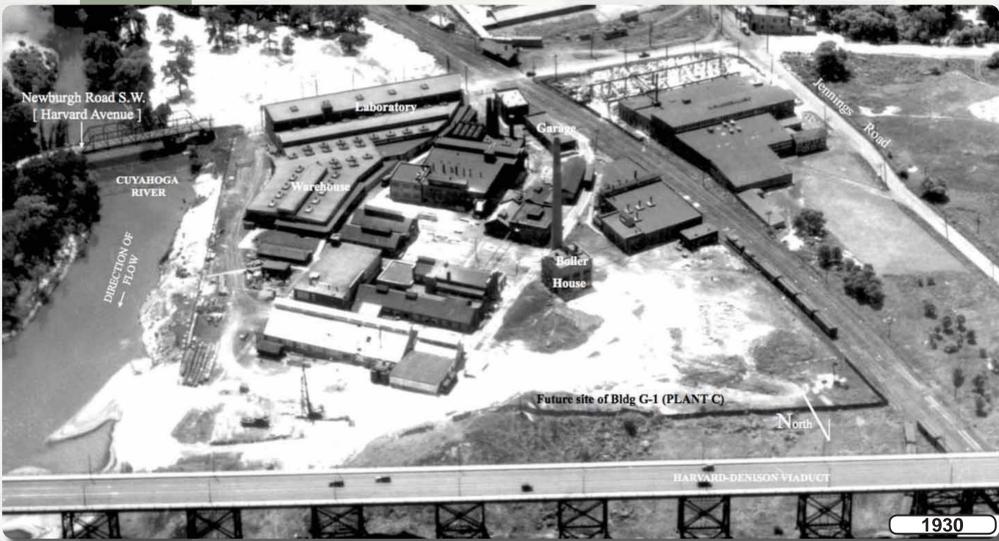
Building G-1 Complex, Plant C, was decontaminated by the Harshaw Chemical Company to levels that were industry standard at that time. Building G-1 remains standing but is still contaminated based on current standards.

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Harshaw Chemical Company began production activities to process and develop uranium compounds for the Manhattan Engineer District (MED) in support of the United States' early atomic weapons program.

The Formerly Utilized Sites Remedial Action Program (FUSRAP) was initiated in 1974 to identify, investigate, and if necessary, clean up or control sites throughout the United States contaminated as a result of MED or early AEC activities.

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New uranium fluoride production plant built consisting of three units including Building G-1. Until 1951 uranium oxide feed materials were converted to uranium fluoride for further refining at Oak Ridge, Tennessee.

Contamination studies performed on buildings allowed some of the non-contaminated buildings to be taken down.

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Beginning in 1951 a new process was used to extract uranium feeds now produced on site to uranium oxide. In 1953 recycled uranium feed from Hanford was used in the process.



Congress transferred management and execution of FUSRAP to the U.S. Army Corps of Engineers.

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The U.S. Department of Energy determines the former Harshaw Chemical Company Site is eligible for inclusion in FUSRAP.

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# Timeline of U.S. Army Corps of Engineers Activities at the Harshaw Chemical Company Site From 1997 to 2012

2001

Preliminary assessment completed for the Former Harshaw Chemical Company Site.

2002 - 2004

Remedial investigation initial phases complete.



Hollow-stem auger setup used to collect subsurface soil samples

2006

Harshaw Chemical Company Site Remedial Investigation Report, Revision 0, released.



Ground-penetrating radar

All phases of the remedial investigation completed.



Sanitary sewer sampling

Feasibility study initiated.

Harshaw Site Remedial Investigation Report, Revision 1, released.

Former Harshaw Chemical Company Proposed Plan for Closure and No Further Action at Investigative Area-06 released.

Former Harshaw Chemical Company FUSRAP Site Record of Decision for Investigative Area-06 determines no action necessary.

Former Harshaw Chemical Company Site Feasibility Study Report, Revision 0, released.

2006 - 2008

2008

2009

2010

2011

2012



Monitoring well development