



FACT SHEET

October 2019

HARSHAW CHEMICAL — CLEVELAND, OHIO Formerly Utilized Sites Remedial Action Program

Location

- 1000 Harvard Avenue, approximately three miles south of downtown Cleveland and adjacent to the Cuyahoga River and Big Creek

Site History and Project Description

- From 1944 to 1959, the Harshaw Chemical Company processed various forms of uranium under contract to the Atomic Energy Commission and the Manhattan Engineer District. This 55-acre site is within an industrialized area of Cleveland and includes the former uranium processing area and redeveloped privately owned commercial properties.
- The Corps completed a remedial investigation to characterize the nature and extent of radiological contamination and a feasibility study to evaluate viable remedial alternatives to address contamination.

Importance

- There is no immediate risk to human health or the environment. Elevated levels

of radionuclides exist that exceed environmental requirements and limitations promulgated under federal environmental laws. If contamination remains, it may pose a future risk to human health and the environment.

- The Corps of Engineers contractor safely removed the contaminated former uranium processing building (G-1) without incident.
- The soils and groundwater beneath and surrounding G-1 is contaminated with FUSRAP-related radionuclides.

Consequences

- Potential for long term, adverse human health effects
- Contamination currently on-site could migrate off-site and impact additional human and animal populations.
- Beneficial reuse of the site cannot occur until remediation of the site to a risk level commensurate with projected future use of the site.

Project Phase	Estimated Federal Cost	Funding through FY18	FY19 Requirement	FY19 Appropriation	FY20 Requirement	FY20 Budget
Investigation*	\$30.4M	\$24.3M	\$500k	\$500k	\$500k	\$0

*Investigation phase includes remedial investigation, feasibility study, proposed plan, and record of decision.

Project Sponsor/Customer

- Customers include property owners (Chevron Environmental Management Company; BASF, Inc.), interested stakeholders (Ohio Canal Corridor), affected communities and elected leaders, and local, state, and federal environmental and health agencies.

Congressional Interests

- Representative Marcia Fudge D OH-11
- Senator Sherrod Brown D OH
- Senator Rob Portman R OH

Current Status

- The Buffalo District released a feasibility study addendum and proposed plan for remediation of the site on March 14, 2019.
- The public comment period closed on June 25, 2019, and the Buffalo District is currently developing responses to comments.

Issues

- None



VIEW FROM THE SOUTHEAST

Area North of Harvard Avenue

OCTOBER 1949

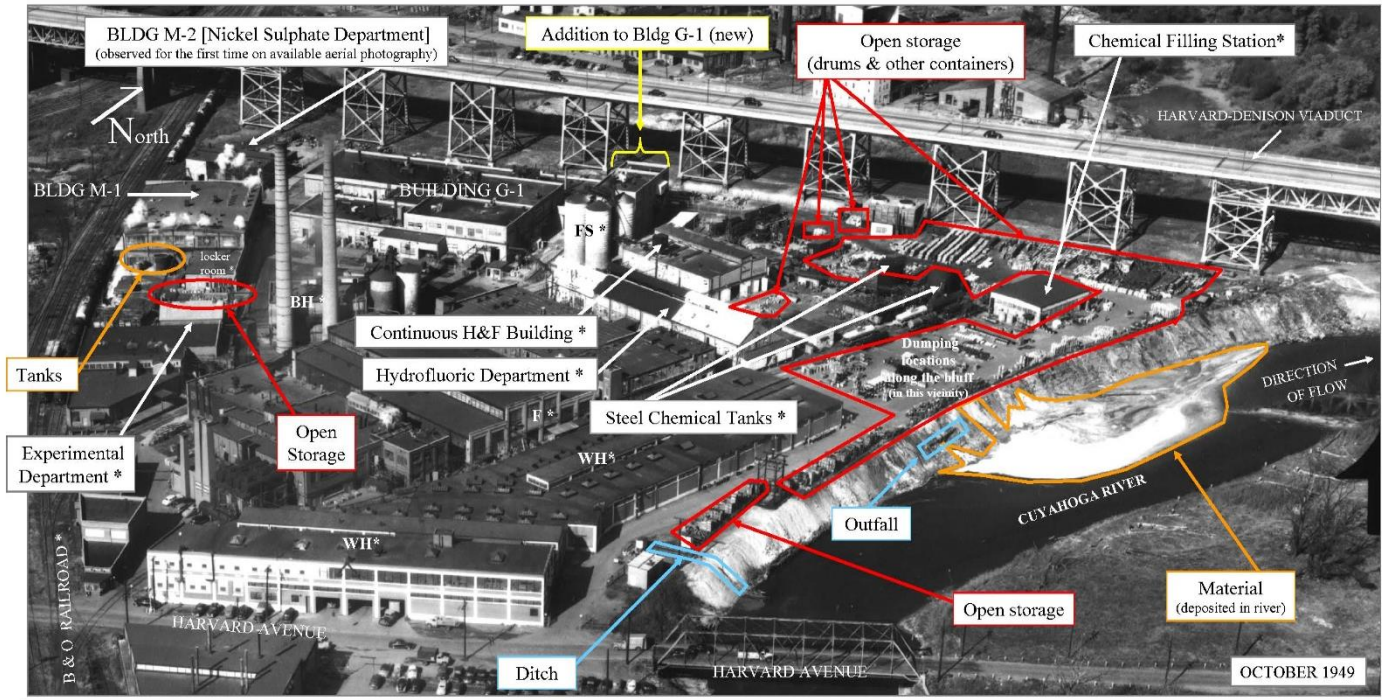
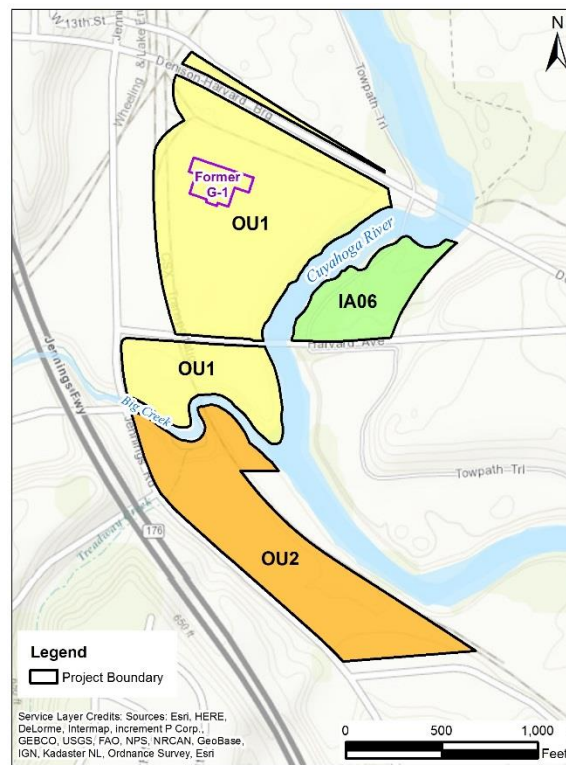


Image Source: Western Reserve Historical Society, Cleveland, Ohio

* Sanborn Fire Insurance Map Data BH = boiler house F = foundry FS = fluorspar storage (tile tanks)* WH = warehouse



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