



**LUCKEY SITE - LUCKEY, OH**

Formerly Utilized Sites Remedial Action Program (FUSRAP)

**Location**

- 21200 Luckey Road, in the Township of Troy, OH

**Site History and Project Description**

- The Luckey Site is a privately owned 40 acre site with radiological and chemical contamination of site soils and groundwater. The primary radiological contaminants at the site include radium, uranium, and thorium. The primary chemical contaminants at the site are beryllium and lead.
- In 1949, the Atomic Energy Commission constructed a beryllium production facility at the site. The waste solutions and sludge from the beryllium production operations were stored in on-site lagoons. Liquid wastes were also discharged into Toussaint Creek. In 1958, beryllium production operations ceased. In 1951 and 1952, the site operator procured 1,000 tons of radiologically contaminated scrap steel from the Lake Ontario Storage Area, for use in potential magnesium production at the site. Historical record indicates that the scrap steel shipped to the site is likely a source of the radiological contamination.

- The Corps of Engineers is conducting a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) remedial action of soils and groundwater contaminated with beryllium, lead, and radionuclides

**Importance**

- Site soils and groundwater are contaminated with FUSRAP-related constituents
- Elevated levels of beryllium, lead, and radionuclides exist that exceed required federal environmental criteria and limitations promulgated under federal environmental laws for the reasonable future land use (subsistence farmer)

**Consequences**

- Potential for long-term adverse human health effects
- Adverse political reactions by federal, state, and local representatives
- Adverse public reaction
- Future site use would be limited due to the presence of FUSRAP contamination

Project Phase	Estimated Federal Cost	Funding Through FY15	FY16 Requirement	FY16 Appropriation	FY17 Requirement	FY17 Budget
Remediation	\$292.8M	\$24.3M	\$6.1M	\$5M	\$5M	\$3.6M

**Project Sponsor/Customer**

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include property owners (Industrial Properties Recovery, LLC), affected communities and elected leaders, and interested local, state, and Federal environmental and health agencies

**Congressional Interests**

- Representative Robert Latta R-OH-5
- Senator Sherrod Brown D-OH
- Senator Rob Portman R-OH

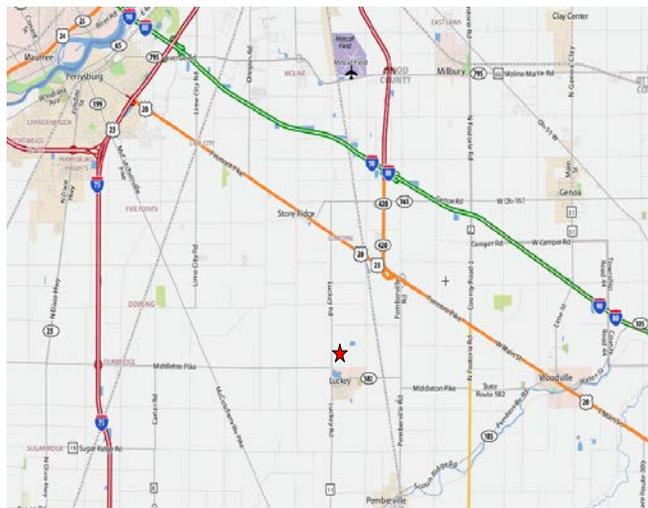
### Current Status

- The Corps of Engineers completed the record of decision (ROD) for the Soils Operable Unit in July 2006. The selected remedy for site soils includes excavation and offsite disposal of contaminated soil
- The Corps completed a separate ROD for site groundwater in February 2008. The selected remedy for site groundwater includes land use controls for groundwater, natural attenuation and long-term monitoring
- The Corps of Engineers completed additional site characterization in 2009 and 2010, using American Recovery and Reinvestment Act (ARRA) funding, to further evaluate contaminated soil volumes

- The Corps of Engineers completed the scope of work and necessary acquisition plans and issued the request for proposal for the site remediation contract in 2014, and awarded the remediation contract in 2015
- The remediation work plans will be prepared in 2016, and construction of necessary site infrastructure will be conducted in 2017
- Soils remediation will begin after completion of site infrastructure construction in 2017

### Issues

- None



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