



LUCKEY SITE – LUCKEY, OH

Formerly Utilized Sites Remedial Action Program (FUSRAP)

Location

- The Village of Luckey, OH is located 22 miles southeast of Toledo

Site History and Project Description

- The Luckey Site is a privately owned 40 acre site contaminated with radiological and chemical waste. 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 the likely source of the radiological contamination

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

Importance

- Elevated levels of beryllium, lead, and radionuclides exist that exceed required Federal environmental criteria and limitations promulgated under Federal environmental laws for the projected land use (subsistence farmer).
- For the current land use, the risk to human health is below risk limits promulgated under Federal environmental laws

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 FY11	FY12 Requirement	FY12 Budget	FY13 Requirement	FY13 Budget
Investigation*	\$326M	\$21M	\$900k	\$720k	\$250k	\$250k

* Investigation Phase includes Remedial Investigation, Feasibility Study, Proposed Plan, Record of Decision, and Remedial Design.

Project Sponsor/Customer

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include property owners (Abdo Wrecking, 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

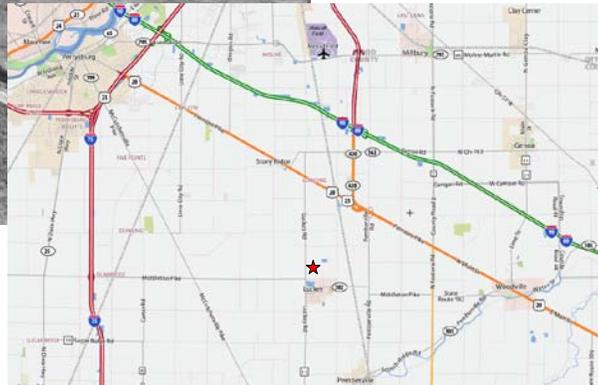
Current Status

- The Corps 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 completed additional site characterization to further evaluate contaminated soil volumes with American Recovery and Reinvestment Act funding in FY 2009 and FY 2010

- The Remedial Design continued in FY 2012 with reevaluation of soil volume estimates and preparation of the remediation scope of work
- The Acquisition Plan for remediation contracting is in progress with a projected contract award in FY14

Issues

- Due to national program clean-up priorities, Luckey is not scheduled to start remedial action before 2014



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