

LEGAL NOTICE for Mound Site 2026 CERCLA Five-Year Review

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is conducting the Sixth Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review of the Mound site in Miamisburg, Ohio. The CERCLA Five-Year Review process ensures that the selected CERCLA remedies remain protective of human health and the environment.

After the Mound Plant Site was placed on the CERCLA National Priorities List in 1989, DOE signed a CERCLA Section 120 Federal Facility Agreement with the U.S. Environmental Protection Agency (EPA) in October 1990 and a three-party agreement among DOE, EPA, and Ohio EPA in 1993. The site was divided into sections and remediated to EPA's risk-based standards for industrial-commercial use only. The entire site has been transferred to the Mound Development Corporation (MDC) for industrial and commercial reuse as the Mound Business Park.

The selected CERCLA remedies for groundwater at the Mound site are:

- Enhanced attenuation for volatile organic compounds (VOCs), namely tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene, and vinyl chloride for groundwater in Operable Unit 1 (OU-1).
- Monitored natural attenuation for TCE in groundwater in the Phase 1 parcel.
- Monitored natural attenuation for VOCs, namely PCE and TCE, in groundwater within the Parcels 6, 7, and 8.
- Sitewide institutional controls (ICs).

DOE monitors the groundwater to verify that contamination is not impacting the Buried Valley Aquifer and that contaminant concentrations are decreasing to levels below the Safe Drinking Water Act maximum contaminant levels. Groundwater monitoring plans for each remedy are approved by the regulators.

ICs are legal and administrative tools incorporated into deed restrictions on future land and groundwater use for protecting human health and the environment. Mound site ICs are designed to: (1) minimize the potential for human exposure to residual contamination, (2) protect the integrity of the environmental remedy, or (3) both.

Between October 2025 and April 2026, DOE will review relevant documents and data; conduct site inspections with regulators, MDC, and the city of Miamisburg; contact local stakeholders; and develop a report detailing the results. DOE will post a public notice when the report is available on the LM website at www.energy.gov/lm/mound-ohio-site-cercla-five-year-review.

DOE invites the public to learn more about the review process and contribute information by completing the survey questionnaire on the website at www.energy.gov/lm/mound-ohio-site.

Information on the CERCLA Five-Year Review process is also available at the EPA website at <https://www.epa.gov/superfund/superfund-five-year-reviews> or by contacting:

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