

Appendix C

Community Notification and Involvement

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LEGAL NOTICE for Mound Site 2011 CERCLA Five-Year Review

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is conducting the third Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review of the Mound Site in Miamisburg, Ohio. The 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 Priority 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 tripartite agreement among the DOE, EPA, and Ohio EPA (OEPA) in 1993. The site was divided into sections and remediated to EPA's risk-based standards for industrial use only. The entire site is being transferred to the Mound Development Corporation (MDC) for reuse as a scientific technology and business park.

The selected CERCLA remedies for the Mound Site are:

- Collection and treatment of volatile organic compound (VOC)-contaminated groundwater and disposal of treated water with the pump and treat system, which controls the migration of contaminated groundwater in the Operable Unit 1 (OU-1) area.
- Control of surface water in OU-1 area and long-term groundwater monitoring are part of the OU-1 remedy.
- Monitored natural attenuation (MNA) for trichloroethylene (TCE) in Phase 1 parcel and for TCE and tritium in the main hill bedrock groundwater system commonly known as the Main Hill Seeps.
- 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 Maximum Contaminant Level due to natural mechanisms. 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. The Mound Site ICs are designed to:

1. Prohibit the removal of soil from the original DOE Mound Plant Property boundaries, unless prior written approval from OEPA and Ohio Department of Health (ODH) has been obtained.
2. Prohibit the extraction or consumption of, exposure to, or the use in any way of the groundwater underlying the premises, unless prior written approval from EPA and OEPA has been obtained.
3. Limit land use to industrial/commercial use only. Each parcel Record of Decision identifies land uses that will not be permitted, but the list is not all-inclusive. Parcels may not be used for any residential or farming activities, or any activities that could result in the chronic exposure of children less than 18 years of age to soil or groundwater from the premises. Restricted uses include, but are not limited to:
 - Single or multi-family dwellings or rental units.
 - Daycare facilities.
 - Schools or other educational facilities for children less than 18 years of age.
 - Community centers, playgrounds, or other recreational or religious facilities for children less than 18 years of age.
4. Prohibit the removal of concrete floor material in specified rooms of T Building to off-site locations without prior approval from EPA, OEPA, and ODH.

5. Prohibit the penetration of concrete floors in specified rooms of T Building without prior approval from EPA, OEPA, and ODH.
6. Allow site access to federal and state agencies for sampling and monitoring.

Between March and August 2011, DOE will review relevant documents and data; conduct site inspections with regulators, MDC, and the City of Miamisburg; interview local stakeholders; and develop a report detailing the results. DOE will post a public notice when the report is available in the CERCLA Public Reading Room, 955 Mound Road, Miamisburg, Ohio 45342, and on the LM website (<http://www.lm.doe.gov/CERCLA/SiteSelector.aspx>). Previous five-year reports can be viewed and downloaded at <http://www.lm.doe.gov/Mound/Sites.aspx>.

DOE invites the public to learn more about the review process and contribute information by completing the survey on the website at (<http://www.lm.doe.gov/Mound/Sites.aspx>). Information on the CERCLA Five-Year Review process is also available at the U.S. Environmental Protection Agency website (<http://www.epa.gov/superfund/cleanup/postconstruction/5yr.htm>) or by contacting

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CERCLA Five-Year Review

The U.S. Department of Energy (DOE) is currently conducting the third five-year review at the Mound, Ohio, Site, as required by Section 121 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA). This act requires that remedial actions which result in any hazardous substances, pollutants, or contaminants remaining on site at levels that do not allow for unlimited use and unrestricted exposure be subject to a five-year review.

The purpose of the five-year review is to ensure that the remedies that were implemented to clean up the site continue to be protective of human health and the environment.

Community input and feedback is integral to the document development process. DOE invites the public to respond to the survey linked below.

- Five-Year Review Report, Second Five-Year Review for the Mound, Ohio, Site
Miamisburg, Ohio September 2006 [link to pdf. This is already on the "site documents"](#)
- Public Notice of Mound Site Five-Year Review [link to the text version \(next page\)](#)
- Survey [link to survey](#)

LEGAL NOTICE for Mound Site 2011 CERCLA Five-Year Review

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Mound Site Five-Year Review Survey

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The U.S. Department of Energy (DOE) is currently conducting the third five-year review at the Mound, Ohio, Site. The purpose of a five-year review is to ensure that the remedies that were implemented at the site continue to protect human health and the environment.

Community involvement is an integral part of the Mound Site and the CERCLA five-year review process. DOE invites your input or comments about the Mound Site and the cleanup as part of the third five-year review.

Please complete the survey below. You may answer as many or as few questions as you feel comfortable answering. Having enough detail for us to follow up by contacting you or so we can specifically understand the issue will help improve operations in the future. Comments will be accepted through June 30, 2011.

Affiliation with the project, if Are you affiliated with any group (e.g., former worker, neighbor, former citizen group member, regulator, etc.)? -- OPTIONAL

How close to the project do you live? -- OPTIONAL

Have you ever visited the site?

What is your overall impression of the Mound Site cleanup project (general sentiment)?

What effects have the completion of the site cleanup project had on the surrounding community? What was the strongest positive effect? What was strongest negative effect?

Are you aware of any community concerns regarding the site or its operation and administration? If so, please provide details so we can follow up and address the concern.

How did you learn about the site?

How informed do you feel about the site's activities and progress?

If you do not feel well informed, how would you suggest the site keep the community adequately informed?

Do you have any comments, suggestions, or recommendations regarding the site's management?

Do you have any other comments or suggestions?

I would like to have you contact me. My contact information (name, address, phone, e-mail) is:

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