

Appendix A

Community Notification and Involvement

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Appendix A

Public Involvement Activities for the 2016 Mound Site Fourth Five Year Review (FYR)

1. Notified EPA and Ohio EPA that DOE LM was beginning the FYR with letter in September 2015.
2. Posted public notice in Dayton Daily News on February 6, 7, 8, and 9.
3. Posted public notice and survey on Mound web page
4. Notified 37 stakeholders by email that information about the FYR and a survey were on web page and encouraged them to complete survey on February 5, 2016.
5. Developed a paper version of survey as a fold over mailer to be returned to LM.
6. Discussed FYR during the LM monthly updates given at monthly Mound Science and Energy Museum evening scientific meetings on January 27, February 24, March 23, and April 27. Made copies of stamped paper surveys available to attendees.
7. Sent reminder email to stakeholders of survey on April 21, 2016.
8. Mound Development Corporation and the City of Miamisburg representatives participated in the annual walkdown with LM, EPA, Ohio EPA, and ODH.

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Department of Energy
Washington, DC 20585

September 1, 2015

Mr. David Seely
U.S. Environmental Protection Agency
Region 5 (SR-6J)
77 W. Jackson Blvd.
Chicago, IL 60604-3590

Mr. Brian Nickel
Remedial Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Seely and Mr. Nickel:

Subject: Initiation of Mound Plant (EPA ID: OH6890008984), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review

This letter serves to notify both the U.S. Environmental Protection Agency (EPA) and Ohio EPA that the Mound Site (Mound Plant) is initiating the fourth Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review for the site. The five-year review is a statutory requirement by the CERCLA at National Priority List sites that implement remedial actions which will result in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure. This review and resulting report will be prepared in accordance with the EPA *Comprehensive Five-Year Review Guidance*, June 2011 and *Recommended Evaluation of Institutional Controls: Supplement to the 'Comprehensive Five-Year Guidance'*, September 2011.

DOE proposes to initiate the five-year review on October 1, 2015 and anticipates the availability of public questionnaires or interviews from March 1 to April 29, 2015. This timeframe coincides with our annual IC inspection when we typically meet with stakeholders.

The review will be completed on July 25, 2016, with submittal of the draft report to the stakeholders including EPA and Ohio EPA. The final report will be transmitted by September 21, 2016, in order to obtain concurrence by September 28, 2016.



Mr. David Seely
Mr. Brian Nickel
Page 2

If you have any questions or require additional information, please call me at (720) 880-4349.
Please send any correspondence to:

U.S. Department of Energy
Office of Legacy Management
10995 Hamilton-Cleves Hwy.
Harrison, OH 45030

Sincerely,



Gwendolyn N. Hooten
2015.09.01 09:14:22
-04'00'

Gwendolyn Hooten
Mound Site Manager
DOE-LM-20.2

cc: (electronic)
Larry Kelly, DOE
Karen Reed, DOE
Shannon Dettmer, ODH
Eric Cluxton, MDC
Ellen Stanifer, City of Miamisburg
Chris Fine, City of Miamisburg
Becky Cato, SN3
Chuck Friedman, SN3
Melissa Lutz, SN3
Joyce Massie, SN3
rc-ohio

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LM Sites



Emergency Contact Numbers:
(970) 248-6070 or (877) 695-5322

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Mound, Ohio, Site

CERCLA Five-Year Review

The U.S. Department of Energy (DOE) is currently conducting the fourth 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 that result in any hazardous substances, pollutants, or contaminants remaining onsite 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.

- [Five-Year Review Report, Third Five-Year Review for the Mound, Ohio, Site Miamisburg, Ohio \(September 2011\)](#)
- [Five-Year Review Report, Second Five-Year Review for the Mound, Ohio, Site Miamisburg, Ohio \(September 2006\)](#)
- [Public Notice of Mound Site Five-Year Review](#)

Last Updated: 6/14/2016


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Office of Legacy Management
1000 Independence Avenue, SW
Washington, DC 20585
202-586-3559

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LEGAL NOTICE for Mound Site 2016 CERCLA Five-Year Review

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is conducting the fourth 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 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 business park.

The selected CERCLA remedies for the Mound Site are:

- Collection and treatment of volatile organic compound (VOC)-contaminated groundwater via pump and treat system and discharge of treated water, which controls the migration of contaminated groundwater in the Operable Unit 1 (OU-1) area through hydraulic capture.
- Control of surface water in the OU-1 area and long-term groundwater monitoring are part of the OU-1 remedy.
- Monitored natural attenuation for trichloroethylene (TCE) in the Phase 1 parcel and for TCE and tritium within the Main Hill Seeps in the main hill bedrock groundwater system.
- 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. 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 Ohio EPA 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 Ohio EPA 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 multifamily 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.

LEGAL NOTICE for Mound Site 2016 CERCLA Five-Year Review (continued)

4. Prohibit the removal of concrete floor material in specified rooms of T Building to offsite locations without prior written approval from EPA, Ohio EPA, and ODH.
5. Prohibit the penetration of concrete floors in specified rooms of T Building without prior written approval from EPA, Ohio EPA, and ODH.
6. Allow site access to federal and state agencies for sampling and monitoring.

Between January and June 2016, 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 on the LM website 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:

Gwen Hooten
Mound Site Manager
U.S. Department of Energy
Office of Legacy Management
mound@lm.doe.gov

[LM Home](#) > [LM Sites](#) > [Ohio](#) > Mound > CERCLA Five-Year Review

(Link from main Mound Site page)

CERCLA Five-Year Review

The U.S. Department of Energy (DOE) is currently conducting the fourth 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 that result in any hazardous substances, pollutants, or contaminants remaining onsite 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, Third Five-Year Review for the Mound, Ohio, Site Miamisburg, Ohio (September 2011) [link to pdf. This is already on the “site documents”](#)
- 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](#)

Community involvement is an integral part of the Mound Site and the CERCLA Five-Year Review process. DOE welcomes your input and comments about the Mound site in the survey below. You may answer as many or as few questions as you feel comfortable answering. Comments will be accepted through April 30, 2016.

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

How close to the Mound site do you live? -- OPTIONAL

Have you ever visited the Mound site?

What is your overall impression of the Mound site?

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

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

How did you learn about the Mound 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 DOE Office of Legacy Management 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?

If you would like to be contacted, please provide your contact information below, including name, address, phone, and email.

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Joyce Massie

From: Massie, Joyce (CONTR)
Sent: Friday, February 05, 2016 9:07 AM
To: Eric Parker Mound/WHPP; Allison Reed - Ohio EPA ; Anthony Campbell Ohio EPA; Bill Othick (Bill@boisolutions.com); Brian Nickel Ohio EPA; Chris Fine (City of Miamisburg); David Lipp ODH; David Seely EPA; Dick Madding; Don Agee MSEM; Ellen Stanifer City of Msbg; Eric Cluxton MDC; Jack Melke MSEM; Jayne Hansel (jayne.hansel@cityofmiamisburg.com); Jerison Deb (deb@eecap.org); Keith Johnson Miamisburg City Manager; Larry Kelly EMCBC; Lee Hieronymus ; Leslie Karacia; Lorrie Huber MDC; Mike Hill- Dyrdek; Mike McCabe; Mound Science and Energy Museum (msem475@gmail.com); Paige Gibson Mound WHPP; Paul Lamberger MSEM; Peter Townsend w/MESH; Ray Seiler MSEM; MOUND SCIENCE and ENERGY MUSEUM; Richard Church Jr. Mayor Miamisburg; Shannon Dettmer ODH; Sharon Cowdrey MESH; Tom Nicholas ; Warren Sheehan MMA
Cc: Lutz, Melissa (CONTR); Cato, Becky (CONTR); Borgman, Penny (CONTR)
Subject: Mound Site 2016 CERCLA Five-Year Review is underway - Please Visit LM website for survey

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is conducting the fourth 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.

As part of that review, we encourage input from local officials, residents, and others who may be interested in the site. We will publish public notices in the Dayton Daily News. We have posted previous five-year review reports, the 2016 public notice, and a stakeholder survey on the DOE LM website at [http://www.lm.doe.gov/Mound CERCLA.pdf](http://www.lm.doe.gov/Mound_CERCLA.pdf).

We invite you to visit the website to review the information and to complete the survey.

If you have any questions, please contact me at 937-287-1333 or by email.

Thanks,

Joyce Massie

Mound, Ohio, Site

Navarro LMS Team

Contractor to the U.S. Department of Energy

937-287-1333

Joyce.massie@lm.doe.gov



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MOUND SITE

CERCLA Five-Year Review Survey

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U.S. DEPARTMENT OF
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Legacy
Management

Mound, Ohio, Site
U.S. Department of Energy
Office of Legacy Management
10995 Hamilton-Cleves Highway
Harrison, OH 45030-9728



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MOUND SITE

CERCLA Five-Year Review Survey

Are you affiliated with the site or any site-related group (e.g., former worker, neighbor, group member, regulator, etc.)?

Yes No

How close to the Mound site do you live?

_____ miles

Have you ever visited the Mound site?

Yes No

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Do you have any other comments or suggestions?

Would you like to be contacted for additional discussion?

Yes No

If yes, please provide your contact information.

Name: _____

Phone: _____

Email: _____

Joyce Massie

From: Massie, Joyce (CONTR)
Sent: Thursday, April 21, 2016 11:03 AM
To: 'Eric Parker Mound/WHPP'; 'Allison Reed - Ohio EPA'; 'Anthony Campbell Ohio EPA'; 'Bill Othick (Bill@boisolutions.com)'; 'Brian Nickel Ohio EPA'; 'Chris Fine (City of Miamisburg)'; 'David Lipp ODH'; 'David Seely EPA'; 'Dick Madding'; 'Don Agee MSEM'; 'Ellen Stanifer City of Msbg'; 'Eric Cluxton MDC'; 'Jack Melke MSEM'; 'Jayne Hansel (jayne.hansel@cityofmiamisburg.com)'; 'Jerison Deb (deb@eecap.org)'; 'Keith Johnson Miamisburg City Manager'; 'Larry Kelly EMCBC'; 'Lee Hieronymus'; 'Leslie Karacia'; 'Lorrie Huber MDC'; 'Mike Hill- Dyrdek'; 'Mike McCabe'; 'Mound Science and Energy Museum (msem475@gmail.com)'; 'Paige Gibson Mound WHPP'; 'Paul Lamberger MSEM'; 'Peter Townsend w/MESH'; 'Ray Seiler MSEM'; 'MOUND SCIENCE and ENERGY MUSEUM'; 'Richard Church Jr. Mayor Miamisburg'; 'Shannon Dettmer ODH'; 'Sharon Cowdrey MESH'; 'Tom Nicholas'; 'Warren Sheehan MMA'
Cc: Lutz, Melissa (CONTR); Cato, Becky (CONTR); Borgman, Penny (CONTR); Hooten, Gwen
Subject: RE: Mound Site 2016 CERCLA Five-Year Review is underway - Please Visit LM website for survey

We are very interested in your input and opinions about the Mound Site and encourage you to visit the LM website, review the information there, and complete the short on-line public survey.

http://www.lm.doe.gov/Mound_CERCLA.pdf.

We'll complete the Mound Site CERCLA Five-year Review in the next few months and will publish the results in a report that will be available to the public in late September 2016.

Thanks,

Joyce Massie

Mound, Ohio, Site

Navarro LMS Team

Contractor to the U.S. Department of Energy

Office of Legacy Management

937-287-1333



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Mound, Ohio, Site

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