Attachment E

Community Involvement Plan

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Comprehensive Legacy Management and Institutional Control Plan (S03496-12.0)
Revision 12, January 2019
Variances for Calendar Year 2020

Variance Number	Variance Title	Significant?[a] (Y/N)	Affected Volume/Attachment and Section	Variance Date	Regulatory Approval Date	
					EPA	Ohio EPA
2020-01	Document Revision	Y	Volume I, Section 1,1, Purpose and Organization of the LMICP and Volume II, Section 1.6, Updates to the Institutional Control Plan	11/19/2019	1/8/2020	1/13/2020
2020-02	Prohibited Items	Y	Volume II, Figure 2, Fernald Preserve Prohibited Activities and Items.	9/18/2019		
2020-03	Inspection Timing	Y	Vol II, Section 3.2, Fernald Preserve Inspections and PCCIP, Section 6.2.1.1	11/19/2019		
2020-04	Lidar	Y	PCCIP, Section 3.3 OSDF As-Built	9/18/2019		
2020-05	Leachate Volume	Y	GWLMP, Section 3.2.2 Leachate Monitoring Compliance Strategy	11/19/2019		
2020-06	Accumulation Rate	Y	GWLMP, Section 4.4.2.1, Flow Monitoring in the LCS and LDS	9/18/2019		
2020-07	Contact List	N	Community Involvement Plan, Appendix A, Contact List	11/19/2019		

[a] Per the *Fernald Preserve Quality Assurance Project Plan* (DOE 2014): A **significant variance** is required when activities change the scope of the project and that change must be reviewed by the regulatory agencies. An **informational variance** is used for changes such as providing clarification, incorporating additional information, correcting errors or documenting resampling efforts.

Variance

Variance number: 2020-01 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan **Date:** 11/19/2019

Variance

Requirements: Per Volume I, Section 1.1, Purpose and Organization of the LMICP (Page 3) and Volume II, Section 1.6, Updates to the Institutional Control Plan (Page 10):

"The future LMICP schedule will be as follows:
- Each June, the annual Site Environmental Report will be submitted.
- Each September, an annual review of the LMICP will be submitted. It will identify updates as necessary.
- Each January, the document will be finalized to correspond with the monitoring and reporting schedule."

Variance: "The future LMICP schedule will be as follows:

- Each June, the annual Site Environmental Report will be submitted.
- Each September, an annual review of the LMICP will be ~~submitted~~ completed. ~~It will identify updates as necessary.~~ The requirement to complete a full revision of the LMICP will be assessed with the regulators each year and, at a minimum, it is expected that a full revision of the LMICP will be required at least every 5 years. Based on the number and types of changes required each September, either a revised document or Variance for each change required to the existing document will be submitted. The variance process established in the Fernald Preserve Quality Assurance Project Plan (DOE 2014) will be followed.
- Each January, the revised document or approved variances to the existing document will be finalized to correspond with the monitoring and reporting schedule."

Justification:
With installation of the new wastewater treatment system in 2018 and the major changes in environmental monitoring that occurred in 2015 and 2016, it is expected that fewer changes will be required to the LMICP in the future.

For this reason, during the quarterly regulatory meetings held in spring and summer 2019, DOE proposed to EPA and Ohio EPA that the variance process established in the Fernald Preserve Quality Assurance Project Plan, Fernald, Ohio be used to communicate LMICP changes instead of updating the entire document every year. Further discussions took place with EPA and Ohio EPA in July 2019, and both agencies agreed to the proposed change to the LMICP revision process.

Requested By: Karen Voisard **Date:** 11/19/2019

Variance Approvals

Required Yes	Required No			Date
☒	☐	K. Fritts	Quality Assurance	11-20-19
☒	☐	W. Hertel	Project Manager	11/20/19
☐	☒		Laboratory Technical Representative	
☒	☐	K. Voisard	Environmental Monitoring, Data Management and Reporting	11/19/2019

Variance Approvals

Required Yes	Required No			Date
☒	☐	M. Sizemore	Environmental Compliance	11-20-19
☐	☒		Environmental Sampling	
☐	☒		Aquifer Restoration	
☐	☐		Other	

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution		
	☒ Records Management	☒ EPA
	☒ Post to Web Page	☒ Ohio EPA

Variance

Variance number: 2020-02 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, Volume II **Date:** 9/12/2019

Variance

Requirements: Per Volume II, Figure 2, Fernald Preserve Prohibited Items (Page 12).

THE FOLLOWING ACTIVITIES AND ITEMS ARE PROHIBITED:

- Alcohol and illegal drugs
- Firearms
- Removing or damaging archaeological materials
- Removing or damaging plants or plant parts (e.g., seed pods, fruit, leaves, firewood).
- Mushroom gathering
- Soil excavation
- Swimming or wading
- Pets
- Camping
- Hunting, trapping, or fishing
- Dumping
- Fires, open flames, or smoking
- Traveling off public roadways or trails
- Using unmanned aerial systems (drones)
- Tampering or damaging structures, fences, signs, or other property.

Variance:

THE FOLLOWING ACTIVITIES AND ITEMS ARE PROHIBITED:

- Alcohol and illegal drugs
- Firearms
- Removing or damaging ~~archaeological~~ natural or man-made materials
- Removing or damaging plants or plant parts (e.g., seed pods, fruit, leaves, firewood).
- Mushroom gathering
- Soil excavation
- Swimming or wading
- Pets
- Camping
- Hunting, trapping, or fishing
- Littering ~~Dumping~~
- Fires, open flames, or smoking
- Traveling off public roadways or trails
- Using unmanned aerial systems (drones)
- Tampering or damaging structures, fences, signs, or other property.

Justification:
Simplifying without radically altering the prohibited activities and items will be less ambiguous.

Requested By: John Homer **Date:** 9-12-2019

Variance Approvals

Required Yes	Required No			Date
☒	☐	K. Fritts	Quality Assurance	9/12/19
☒	☐	W. Hertel	Project Manager	9/18/19
☐	☒		Laboratory Technical Representative	
☒	☐	K. Voisard	Environmental Monitoring Data Management and Reporting	9/12/19

Variance Approvals

Required Yes	Required No			Date
☒	☐	M. Sizemore	Environmental Compliance	9-12-19
☐	☒		Environmental Sampling	
☐	☒		Aquifer Restoration	
☐	☐		Other	

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution ☒ Records Management ☒ EPA ☒ Post to Web Page ☒ Ohio EPA

Variance

Variance number: 2020-03 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, Vol II and PCCIP **Date:** 11-19-2019

Variance

Requirements:

Vol II, Section 3.2: Fernald Preserve Inspections (Page 26):

"To ensure safe and effective inspections, the schedule was modified in 2015 to focus on walkdown completion during the dry, cooler months of November through April. Performing walkdowns during months when less vegetation is present optimizes visibility of site conditions and allows access to more areas."

PCCIP, Section 6.2.1.1 (Page 29):

"These conditions have become more prevalent during the spring walkdown. So, beginning in 2012, the complete cap walkover is conducted annually in late fall or early winter, after warm-season grasses have gone dormant. Additional walkdowns of recently burned or mowed areas are also possible."

Variance:

Vol II, Section 3.2:

To ensure safe and effective inspections, the schedule was modified in 2015 to focus on walkdown completion during the dry, cooler months of November through April. Performing walkdowns during months when less vegetation is present optimizes visibility of site conditions and allows access to more areas. Additional field walkdowns will take place following prescribed burns. Vegetation is completely removed following a burn, so inspection findings such as erosion rills and debris are readily visible.

PCCIP, Section 6.2.1.1:

These conditions have become more prevalent during the spring walkdown. So, beginning in 2012, the complete cap walkover is conducted annually in late fall or early winter, after warm-season grasses have gone dormant. Additional walkdowns of recently burned or mowed areas ~~are also possible.~~ will also be scheduled. Post-burn walkdowns have shown to be an optimal time for viewing inspection findings, such as erosion rills, animal burrows and woody vegetation.

Justification:

Post-burn walkdowns have proven to be most effective on both the OSDF and the former Production Area. Vegetation is completely removed, so inspection findings such as erosion rills, debris and tree seedlings on the OSDF are readily visible. A spring 2019 walkdown across a burned area in the former production area resulted in the identification and removal of over 700 pieces of debris. All participants agree that post-burn walkdowns are effective.

Requested By: John Homer **Date:** 11-19-2019

Variance Approvals					Variance Approvals				
Required Yes	Required No				Required Yes	Required No			
☒	☐	K Fritts	K. Fritts	11-20-19	☒	☐	M. Sizemore	M. Sizemore	11-20-19
		Quality Assurance		*Date*			*Environmental Compliance*		*Date*
☒	☐	W. Hertel	W. A. Hertel	11/20/19	☐	☒			
		Project Manager		*Date*			*Environmental Sampling*		*Date*
☐	☒				☐	☒			
		Laboratory Technical Representative		*Date*			*Aquifer Restoration*		*Date*
☒	☐	K. Voisard		11/19/2019	☐	☐			
		Environmental Monitoring, Data Management and Reporting		*Date*			*Other*		*Date*

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution		
	☒ Records Management	☒ EPA
	☒ Post to Web Page	☒ Ohio EPA

Variance

Variance number: 2020-04 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, PCCIP **Date:** 9/18/2019

Variance

Requirements: Per PCCIP, Section 3.3, OSDF As-Built (Page 20).

"To support each CERCLA Five-Year Review, aerial surveys of the site will be conducted via light detection and ranging (lidar) or equivalent technology every 5 years, beginning in 2019. These aerial surveys will allow for comparison of topography over time to detect changes in the OSDF cap that may not be observable during field walkdowns."

Variance:

"To support each CERCLA Five-Year Review, aerial surveys of the site will be conducted via light detection and ranging (lidar) or equivalent technology every 5 years, beginning in ~~2019~~ the spring of 2020 after the prescribed burn of the northern half of the cell cap. These aerial surveys will allow for comparison of topography over time to detect changes in the OSDF cap that may not be observable during field walkdowns."

Justification:

Postponing the lidar survey of the OSDF to support the CERCLA Five-Year Review in spring 2020 after the prescribed burn will allow a better survey to be completed.

Requested By: John Homer **Date:** 9-10-2019

Variance Approvals

Required

Yes	No			Date
☒	☐	K. Fritts	Quality Assurance	9/12/19
☒	☐	W. Hertel	Project Manager	9/18/19
☐	☒		Laboratory Technical Representative	
☒	☐	K. Voisard	Environmental Monitoring, Data Management and Reporting	9/12/19

Variance Approvals

Required

Yes	No			Date
☒	☐	M. Sizemore	Environmental Compliance	9-12-19
☐	☒		Environmental Sampling	
☐	☒		Aquifer Restoration	
☐	☐		Other	

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution		
	☒ Records Management	☒ EPA
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Variance

Variance number: 2020-05 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, GWLMP **Date:** 11-19-19

Variance

Requirements: Per GWLMP, Section 3.2.2, Leachate Monitoring Compliance Strategy (Page 26):

"The monthly volume of leachate collected for treatment and subsequent disposal will be obtained based on the program in 40 CFR 264.303(c) to determine the flow rates of leachate collected in the LCS and water in the LDS. Monitoring the flow rates will provide data for determining the volume of leachate collected and will also provide data pertinent to the leak detection monitoring program. The flow rates are part of the leak detection monitoring program and are discussed further in Section 4.0. A separate leachate management monitoring strategy is provided as Section 5.0 to provide information on the method of leachate treatment and disposal, including analysis of parameters useful for leachate treatment."

Variance:

"The monthly volume of leachate collected from the LCS for treatment and subsequent ~~disposal~~ discharge will be obtained based on the program in 40 CFR 264.303(c) to determine the flow rates ~~of leachate collected in~~ from the LCS ~~and water in the LDS~~. In 2018 LDS flow rates and volumes had diminished such that no LDS automatic tank pump outs occurred in any cell. Beginning in 2019, the volume of water collected for treatment from the LDS will be obtained based on periodic pump outs of the LDS. Monitoring the flow rates will provide data for determining the volume of leachate collected in the LCS and water collected in the LDS and will also provide data pertinent to the leak detection monitoring program. The flow rates are part of the leak detection monitoring program and are discussed further in Section 4.0. A separate leachate management monitoring strategy is provided as Section 5.0 to provide information on the method of leachate treatment and disposal, including analysis of parameters useful for leachate treatment."

Justification:

In 2018 LDS volumes had diminished such that no LDS automatic tank pump out occurred in any cell. LDS tanks for Cells 1,2,3,5, and 7 were too dry to collect semiannual samples so no pump out occurred in these LDS tanks in 2018, resulting in an accumulation rate of 0.0 gpad for Cells 1, 2,3, 5 and 7. The LDS tanks in Cells 4,6, and 8 accumulated enough water to collect routine semiannual samples in 2018; however, the volume of water accumulated in each of those LDS tanks during 2018 was very low, so accumulation rates had to be estimated by tracking the volume of water manually pumped out of each LDS tank and the amount of time between pump outs. This calculation was presented in the Fernald Preserve 2018 Site Environmental Report in Section A.5.1.2.

Requested By: Ken Broberg Ken Broberg **Date:** 11-19-19

Variance Approvals

Required Yes	Required No			Date
☒	☐	K. Fritts K. Fritts	Quality Assurance	11-20-19
☒	☐	W. Hertel William A. Hertel	Project Manager	11/20/19
☐	☒		Laboratory Technical Representative	
☒	☐	K. Voisard	Environmental Monitoring, Data Management and Reporting	11/19/19

Variance Approvals

Required Yes	Required No			Date
☒	☐	M. Sizemore M. Sizemore	Environmental Compliance	11.20.19
☐	☒		Environmental Sampling	
☐	☒		Aquifer Restoration	
☐	☐		Other	

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution		
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Variance

Variance number: 2020-06 **Significant:** ☒ Yes ☐ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, GWLMP **Date:** 9/18/2019

Variance

Requirements: Per GWLMP, Section 4.4.2.1, Leachate Monitoring Compliance Strategy (Page 41):

"The volume of leachate pumped from the LCS/LDS tanks is recorded. Flow from each cell's LCS and LDS tanks is compiled daily and trended to provide an indication of changes in system performance. An average daily LDS flow rate (in gpad) is calculated from the monthly flow rate. Flow data are available to EPA and Ohio EPA on the Fernald Preserve website (https://www.lm.doe.gov/Fernald/Downloads.aspx) and are reported annually in the Site Environmental Report."

Variance:

"The volume of leachate pumped from ~~the~~ each LCS/~~LDS~~ tanks is recorded. ~~Flow from each cell's LCS and LDS tanks is compiled daily and trended~~ to provide an indication of changes in system performance. LDS flow rates are estimated by tracking the volume of water manually pumped out of each LDS tank and the amount of time between pump-outs. ~~An average daily LDS flow rate (in gpad) is calculated from the monthly flow rate.~~ Flow data are available to EPA and Ohio EPA on the Fernald Preserve website (https://www.lm.doe.gov/Fernald/Downloads.aspx) and are reported annually in the Site Environmental Report."

Justification:

In 2018 LDS volumes had diminished such that no LDS automatic tank pump out occurred in any cell. LDS tanks for Cells 1,2,3,5, and 7 were too dry to collect semiannual samples so no pump out occurred in these LDS tanks in 2018, resulting in an accumulation rate of 0.0 gpad for Cells 1, 2,3, 5 and 7. The LDS tanks in Cells 4,6, and 8 accumulated enough water to collect routine semiannual samples in 2018; however, the volume of water accumulated in each of those LDS tanks during 2018 was very low, so accumulation rates had to be estimated by tracking the volume of water manually pumped out of each LDS tank and the amount of time between pump outs. This calculation was presented in the Fernald Preserve 2018 Site Environmental Report in Section A.5.1.2.

Requested By: Ken Broberg **Date:**

Variance Approvals

Required Yes	Required No			Date
☒	☐	K. Fritts	Quality Assurance	9/12/19
☒	☐	W. Hertel	Project Manager	9/18/19
☐	☒		Laboratory Technical Representative	
☒	☐	K. Voisard	Environmental Monitoring, Data Management and Reporting	9/12/19

Variance Approvals

Required Yes	Required No			Date
☒	☐	M. Sizemore	Environmental Compliance	9-12-19
☐	☒		Environmental Sampling	
☐	☒		Aquifer Restoration	
☐	☐		Other	

Revision Required ☐ Yes ☒ No **Document No. and Title:**

Distribution		
	☒ Records Management	☒ EPA
	☒ Post to Web Page	☒ Ohio EPA

Variance

Variance number: 2020-07 **Significant:** ☐ Yes ☒ No

Document number: LMS/FER/S04396-12.0 **Page:** 1 of 1

Document title: Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan, Community Involvement Plan **Date:** 11/19/2019

Variance

Requirements:

Appendix A (Contact List) of the Community Involvement Plan provides contact information for federal, state and local elected officials.

Variance: Appendix A (Contact List) updated following the November 2019 election results is attached.

Justification: November 2019 election outcomes as well as one retirement resulted in updates to three State of Ohio Elected Officials:

- District 8, Ohio Senator,
- District 29, Ohio House of Representatives, and
- District 53, Ohio House of Representatives.

Requested By: Penny Borgman for Penny Borgman **Date:** 11/19/2019

Variance Approvals				Variance Approvals			
Required				Required			
Yes	No			Yes	No		
☐	☒	*Quality Assurance*	*Date*	☐	☒	*Environmental Compliance*	*Date*
☒	☐	W. Hertel William A. Hertel *Project Manager*	11/20/19 *Date*	☐	☒	*Environmental Sampling*	*Date*
☐	☒	*Laboratory Technical Representative*	*Date*	☐	☒	*Aquifer Restoration*	*Date*
☒	☐	K. Voisard *Environmental Monitoring, Data Management and Reporting*	11/19/2019 *Date*	☐	☐	*Other*	*Date*

Revision Required ☐ Yes ☒ No **Document Title:**

Distribution	☒ Records Management	☒ EPA
	☒ Post to Web Page	☒ Ohio EPA

Appendix A

Contact List

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Site Contact Information	
Legacy Management 24-Hour Monitored Security Telephone Number **(877) 695-5322 or (513) 910-6107** **Administrative Record Assistance** **(https://www.lm.doe.gov/CERCLA_Home.aspx)** **(513) 648-3106**	
U.S. Department of Energy (DOE)	
DOE Office of Legacy Management	
Carmelo Melendez U.S. Department of Energy LM-1 1000 Independence Ave., S.W. Washington, D.C. 20585 Email: carmelo.melendez@lm.doe.gov	Susan Smiley Office of Legacy Management Fernald Preserve Manager U.S. Department of Energy 10995 Hamilton-Cleves Highway Harrison, OH 45030-9728 (513) 648-3333 Email: sue.smiley@lm.doe.gov
U.S. Environmental Protection Agency	***Ohio Environmental Protection Agency***
David Seely Remedial Project Manager U.S. Environmental Protection Agency, Region 5 (SR-6J) 77 W. Jackson Blvd. Chicago, IL 60604-3590 (312) 886-7058 Email: seely.david@epa.gov	Laura Hafer Fernald Project Coordinator Ohio Environmental Protection Agency 401 East 5th Street Dayton, OH 45402-2911 (937) 285-6455 Email: Laura.Hafer@epa.ohio.gov Website: www.epa.ohio.gov
Federal Elected Officials	
Ohio	
The Honorable Sherrod Brown, Senator United States Senate 503 Hart Senate Office Building Washington, D.C. 20510-3505 (202) 224-2315 Email: Contact via Web Form: www.brown.senate.gov/contact/	The Honorable Rob Portman, Senator United States Senate 448 Russell Senate Office Building Washington, D.C. 20510-3506 (202) 224-3353 Email: Contact via Web Form: https://www.portman.senate.gov/public/index.cfm/contact-form
The Honorable Steve Chabot, Representative U.S. House of Representatives 2408 Rayburn House Office Building Washington, D.C. 20515-3501 (202) 225-2216 Email: Contact via Web Form: https://chabot.house.gov/contact/	The Honorable Warren Davidson, Representative U.S. House of Representatives 1004 Longworth House Office Building Washington, D.C. 20515-0001 (202) 225-6205 Email: Contact via Web Form: https://davidson.house.gov/contact/email

State Elected Officials	
State of Ohio	
The Honorable Mike Dewine, Governor of Ohio Riffe Center, 30th Floor 77 S. High Street Columbus, OH 43215-6117 (614) 466-3555 Email: Contact via Web Form: http://www.governor.ohio.gov/Contact/ContacttheGovernor.aspx	The Honorable Jon Husted, Lt. Governor of Ohio Riffe Center, 30th Floor 77 S. High Street Columbus, OH 43215-6117 (614) 466-3555 Email: Contact via Web Form: http://www.governor.ohio.gov/Contact/ContacttheGovernor.aspx
The Honorable Louis W. Blessing III, Senator Ohio Senate – District 8 Senate Building 1 Capitol Square, Ground Floor Columbus, OH 43215-4275 (614) 466-8068 Email: Contact via Web Form: http://www.ohiosenate.gov/senators/blessing/contact	The Honorable William P. Coley, Senator Ohio Senate – District 4 Senate Building 1 Capitol Square, 1st Floor Columbus, OH 43215 (614) 466-8072 Email: Contact via Web Form: http://www.ohiosenate.gov/senators/coley/contact
The Honorable Cindy Abrams, Representative Ohio House of Representatives – District 29 77 S. High Street, 13th Floor Columbus, OH 43215 (614) 466-9091 Email: Contact via Web Form: http://www.ohiohouse.gov/cindy-abrams/contact	The Honorable Sara Carruthers, Representative Ohio House of Representatives – District 51 77 S. High Street, 13th Floor Columbus, OH 43215 1-800-282-0253 Email: Contact via Web Form: http://www.ohiohouse.gov/sara-carruthers/contact
The Honorable Candice R. Keller, Representative Ohio House of Representatives – District 53 77 S. High Street, 11th Floor Columbus, OH 43215 (614) 644-5094 Email: Contact via Web Form: http://www.ohiohouse.gov/candice-keller/contact	
State of Indiana	
The Honorable Eric Holcomb Governor of Indiana 200 West Washington Street, Room 206 Indianapolis, IN 46204-4567 (317) 232-4567 Email: Contact via Web Form: http://www.in.gov/gov/2752.htm	

County and Local Elected Officials	
Mr. Todd Portune, Commissioner Hamilton County, Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4401 Email: todd.portune@hamilton-co.org	Ms. Denise Driehaus, Commissioner Hamilton County Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4406 Email: denise.driehaus@hamilton-co.org
Ms. Stephanie Summerow Dumas, Commissioner Hamilton County Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4410 Email: stephanie.dumas@hamilton-co.org	Mr. Timothy C. Rogers, Commissioner Butler County, Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: rogerst@butlercountyohio.org
Ms. Cindy Carpenter, Commissioner Butler County Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: carpenterc@butlercountyohio.org	Mr. Donald L. Dixon, Commissioner Butler County Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: dixond@butlercountyohio.org
Mr. Chris Dole Crosby Township 8910 Willey Road Harrison, OH 45030 (513) 317-2861 Email: cdole@crosbytwp.org	Mr. Brett Updike Morgan Township 3141 Chapel Road, Box 1 Okeana, OH 45053 (513) 678-1965 Email: bupdike@morgantownship.org
Mr. Dennis Conrad, Jr. Reily Township 6093 Reily Millville Road Oxford, OH 45056 (513) 623-4475 No email address available	Mr. Tom Willsey Ross Township 3421 New London Road Hamilton, OH 45013 (513) 738-2409 Email: twillsey@rosstwp.org

Health Departments	
Hamilton County Public Health 250 William Howard Taft, 2nd Floor Cincinnati, OH 45219 (513) 946-7800	Butler County Health Department 301 South 3rd Street Hamilton, OH 45011 (513) 863-1770
Mr. Stephen Helmer Ohio Department of Health Bureau of Environmental Health and Radiation Protection 246 North High St. Columbus, OH 43215 (614) 644-2727 Email: BRadiation@odh.ohio.gov or Stephen.helmer@odh.ohio.gov	
Environmental/Interest Groups	
Fernald Community Alliance Graham Mitchell President 6104 Chappelfield Dr. West Chester, OH 45069-6447 (513) 777-0212 Email: grahamitchell@gmail.com http://fernaldcommunityalliance.org/	

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Figure 1. Fernald Preserve Location Map 7

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Table 1. Matrix of Public Participation Activities 14

Appendix

Appendix A Contact List

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Abbreviations

AR	Administrative Record
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOE	U.S. Department of Energy
EM	Office of Environmental Management
EPA	U.S. Environmental Protection Agency
FCAB	Fernald Citizens Advisory Board
FFCA	Federal Facilities Compliance Agreement
FRESH	Fernald Residents for Environmental Safety and Health
LM	Office of Legacy Management
LMICP	*Comprehensive Legacy Management and Institutional Controls Plan*
LSO	Local Stakeholder Organization
LTS&M	long-term surveillance and maintenance
NPL	National Priorities List
Ohio EPA	Ohio Environmental Protection Agency
OU	operable unit
SARA	Superfund Amendments and Reauthorization Act of 1986

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1.0 Introduction

The Fernald Preserve (Fernald), located northwest of Cincinnati, Ohio, is currently managed by the U.S. Department of Energy (DOE) Office of Legacy Management (LM). DOE established LM in December 2003 to manage the nation's legacy waste that remained at the conclusion of the nuclear weapons program after World War II and the Cold War. The mission of LM is to manage legacy land, structures, and facilities in a way that is protective of human health and the environment.

Since the early 1990s, DOE has made it a priority to gather community opinion as part of its decision-making process. Involvement by stakeholders who possess local knowledge and diverse areas of expertise was instrumental to the success of the Fernald cleanup project. Stakeholders were involved in site cleanup activities, have assisted in addressing technical and management challenges, and have guided the decision-making process. The Fernald cleanup, including plans for long-term management of the site, benefited from early dialogue among state and federal regulators, stakeholder organizations, elected officials, and members of the general public. Long-term site management goals included informing future generations and new residents about the site, ensuring the effectiveness of institutional controls, and maintaining community support for the site remedy. LM established a Visitors Center and will cooperate to the extent possible in helping the community make this a viable entity. The Visitors Center was completed in August 2008.

This Community Involvement Plan is a follow-on document to existing public affairs plans for the site and public involvement efforts described in the Federal Facilities Compliance Agreement (FFCA). All public affairs activities, including this Community Involvement Plan, continue to follow U.S. Environmental Protection Agency (EPA) and DOE guidance on public participation and comply with public participation requirements in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, also known as Superfund), as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986. This Community Involvement Plan documents how DOE will ensure that the public has appropriate opportunities for involvement in post-closure site monitoring and maintenance.

This Community Involvement Plan outlines the methods of communication and addresses plans for public involvement. The plan will be updated as appropriate to address post-closure public involvement activities. Updates will be made as needed, but no more frequent than annually. Significant changes in public participation activities, changes in land reuse plans, and remedy failures are examples of scenarios under which updates would be considered. DOE will collaborate with stakeholder organizations in effect at that time to update the plan. Notification of any changes to the Comprehensive Legacy Management and Institutional Controls Plan (LMICP) or the Community Involvement Plan will be through the annual meeting and the Fernald Preserve web page (https://www.lm.doe.gov/Fernald/Sites.aspx).

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2.0 Site Description and Background

In 1951, construction of the uranium processing plant began on a 1,050-acre parcel of land near Cincinnati, Ohio. During the Cold War, the Fernald plant, originally named the Feed Materials Production Center, produced 500 million pounds of high-purity uranium metal products for the nation's weapons production program. The products were shipped to other DOE sites within the nuclear weapons complex. Some sites used the products as fuel for nuclear reactors to produce plutonium.

In the late 1980s, when Fernald shut down because of declining demand for Fernald's product and increasing environmental concerns, 31 million net pounds of nuclear product, 2.5 billion pounds of waste, and 2.5 million cubic yards of contaminated soil and debris remained onsite. The mission of producing uranium metal ceased, and the focus shifted to environmental restoration and waste management.

To manage the cleanup more effectively, DOE organized the entire site into five study areas called operable units (OUs). Each OU had similar physical characteristics, waste inventories, regulatory requirements, and anticipated remedial action technologies. The OUs were as follows:

- OU1 included six waste pits, a Burn Pit, and Clearwell.
- OU2 included a solid waste landfill, lime sludge ponds, inactive fly ash pile, active fly ash pile, and the South Field area.
- OU3 included all processing facilities located in a 136-acre area.
- OU4 included K-65 Silos 1 and 2, which contained radium-bearing radioactive wastes dating back to the 1940s; Silo 3, which contained dried uranium-bearing wastes; and Silo 4, which was always empty.
- OU5 encompassed the environmental media on the Fernald property and surrounding areas that were impacted by the facility. Environmental media included the groundwater, surface water, soils, sediments, vegetation, and wildlife throughout the Fernald facility and surrounding areas. OU5 also included the South Plume, an area of off-property groundwater contamination.

Cleanup of OU1 through OU4 was a requirement for site closure. Aquifer restoration in OU5 will continue under LM.

In 1996, Fernald completed a 10-year environmental investigation to determine contamination levels and develop cleanup plans. The significant investigation resulted in Records of Decision, or final cleanup plans, for the five OUs. After completing the engineering designs, DOE organized the site's cleanup program into seven major projects to integrate fieldwork and improve safety and efficiency. Those project areas included:

- Aquifer Restoration.
- Building Demolition.
- Soil and Disposal Facility.
- Silos 1 and 2.
- Silo 3.

- Waste Pits.
- Waste Management/Nuclear Material Disposition.

The final mission of the Fernald Closure Project was to clean up the site in compliance with Fernald's approved Records of Decision. In 1999, DOE issued the Final Land Use Environmental Assessment (DOE 1999) that addressed recommendations and feedback received from the public. Final land use involved transformation of the Fernald site into an undeveloped park with an emphasis on wildlife. To ensure appropriate future use, the site will remain under federal ownership in perpetuity.

From 1996 to 2006, the Fernald site underwent extensive remediation pursuant to CERCLA. Remedial activities and subsequent ecological restoration have converted the site from an industrial production facility to an undeveloped park, encompassing wetlands, prairies, and forest. Upon completion of large-scale soil remediation and waste disposition in the fall of 2006, the site was successfully transitioned to LM.

LM is responsible for long term monitoring and maintenance of the Fernald site, as well as continued implementation of groundwater remediation. As originally envisioned by the community, DOE opened the site to the public in August 2008, with a series of trails and a Visitors Center. The site was renamed the Fernald Preserve.

3.0 Regulatory Framework

In response to growing concern about health and environmental risks posed by hazardous waste sites, Congress established CERCLA in 1980 (Title 42 *United States Code* Section 9601 et seq.) and SARA in 1986 (Public Law 99-499). EPA administers CERCLA in cooperation with individual states and tribal governments. The National Priorities List (NPL) is a list of top-priority hazardous waste sites that are eligible for extensive, long-term cleanup under CERCLA. EPA placed Fernald on the NPL in November 1989 as the Feed Materials Production Center. All cleanup activities at Fernald must satisfy the requirements of CERCLA, as amended by SARA, and Subpart E of the National Oil and Hazardous Substances Pollution Contingency Plan, found in Title 40 *Code of Federal Regulations* Part 300.400, "Hazardous Substance Response."

In July 1986, DOE and EPA signed the FFCA, which established a procedural framework and schedule for developing appropriate response actions and facilitated cooperation and exchange of information. The FFCA initiated the Remedial Investigation/Feasibility Study, a comprehensive environmental investigation conducted in and around Fernald to identify the nature and extent of contamination and to determine the best cleanup solutions.

DOE and the Ohio Environmental Protection Agency (Ohio EPA) signed a Consent Decree in November 2008 that settled a natural resource damage claim under Section 107 of CERCLA, which was originally filed by Ohio EPA in 1986. As part of this process, DOE and Ohio EPA signed an Environmental Covenant that established activity and use limitations that are detailed in Volume II of the LMICP.

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4.0 Community Profile

The Fernald Preserve is located in southwest Ohio, approximately 18 miles northwest of Cincinnati, and straddles the boundary between Butler and Hamilton counties (Figure 1). The site is located near the unincorporated communities of Ross (northeast), Shandon (northwest), Fernald (south), New Baltimore (southeast), and New Haven (southwest). The site encompasses portions of Crosby, Ross, and Morgan townships.

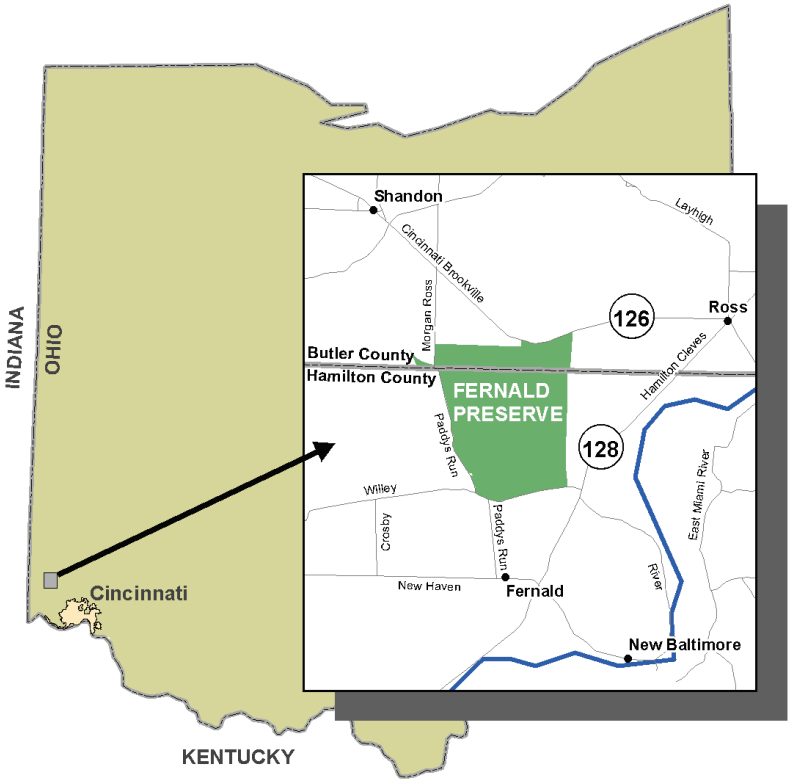

Figure 1. Fernald Preserve Location Map

Hamilton County is in the southwest corner of Ohio and covers an area of 406 square miles. The county is the economic nucleus of the 13-county Cincinnati metropolitan area. As of July 1, 2017, the estimated population of Hamilton County was 813,822, which is a slight increase since 2016. Butler County is directly north of Hamilton County and covers an area of 467 square miles. Although Butler County contains more wide-open spaces and is less densely populated, the county is showing a growth trend. In 2017, the population estimate was 380,604.

Most of the Fernald Preserve lies within Crosby Township, which has a population of 2,808. Ross Township has a population of 8,821, and Morgan Township has a population of 5,796.

The Great Miami River is located to the east of the Fernald Preserve. Land use in the area consists primarily of residential, agricultural, and gravel-excavation operations. Some land near the Fernald Preserve is dedicated to housing developments, light industry, and parks. Local history also includes settlement of the area by Native Americans. DOE agreed to make land available for the reinternment of Native American remains with the following understandings:

- The land remains under federal ownership.
- DOE will not take responsibility for, or manage, the reinternment process. Maintenance and monitoring will not be funded or implemented by DOE.
- The remains must be culturally affiliated with a modern day tribe. The National Park Service had no objections to the reinternment process as long as the "repatriation associated with the reburials comply with the Native American Graves Protection and Repatriation Act as applicable."
- Records must be maintained for all repatriated items reinterred under this process. DOE is not responsible for these records.

Thus far, several federally recognized tribes have been contacted regarding this offer of land for reinternment purposes. To date, only one response has been received from a modern-day tribe with repatriated remains under the Native American Graves Protection and Repatriation Act. The Miami Tribe of Oklahoma has informed DOE that they are not interested in use of the site. DOE has received no other responses from modern-day tribes and is no longer pursuing the effort. The proposal may be reconsidered in the future if other modern day tribes with repatriated remains come forward.

4.1 History of Community Involvement

During most of the production era, little thought was given to public participation or community involvement. When public concerns about contamination problems peaked in the 1980s, site management was unprepared to handle these concerns. There were no public forums to discuss concerns and issues, and there were no site contacts for people to call if they had questions. In 1985, the first public relations professional was hired at Fernald. During the first few years, the new Public Affairs department focused primarily on establishing contacts with the community and creating public information channels so people could learn about the site operations. DOE opened several reading rooms to make site documents available to the public, and site management started holding community meetings to begin a dialogue with interested members of the public.

Within a few years, a new strategy for public participation was developed, exceeding the textbook style found in the regulations. In November 1993, Fernald adopted its public involvement program. The basic precepts of this program were:

- People have a fundamental desire to participate in decisions that affect their lives.
- Many people working together can often find better solutions to difficult problems.
- Fernald management is responsible for including public involvement in decision making.

With the new emphasis on public involvement, the public became more aware of the scope of the site's contamination, and changes began to occur. The public insisted on a greater role in

cleanup decisions, and project managers began to realize that the public could help them find answers to difficult questions, such as, "How clean is clean?" Citizen groups such as the Fernald Citizens Advisory Board, the Fernald Community Reuse Organization, the Fernald Health Effects Subcommittee, Fernald Living History Inc., and Fernald Residents for Environmental Safety and Health were formed to provide avenues for citizen participation in the two-way communication path that was established. Stakeholders have been instrumental in the cleanup progress at Fernald.

The Fernald Envoy Program was initiated to promote one-on-one communication between Fernald personnel and representatives of local community groups interested in Fernald-related cleanup activities, issues, and progress. Approximately 30 Fernald employees served as messengers to local neighbors, business leaders, educators, environmental groups, regulatory agencies, and elected officials. Fernald envoys built close relationships with community groups interested in Fernald-related activities and supplied them with detailed information. They also listened to ideas, suggestions, concerns, and questions from people and then provided feedback to those making decisions about Fernald cleanup activities.

Fernald also established support programs for both charitable causes and education. Created in 1996, the Fernald Community Involvement Team was a volunteer task force composed of employees, their family members, and friends who were active in social service projects within the local community. In addition, Fernald sponsored educational programs for local students and teachers by establishing strong partnerships with area schools.

Now that site activities have shifted to the long-term surveillance and maintenance phase, so too has the community involvement focus shifted. Community awareness of the remaining contamination is vital to the continued protection of human health and the environment at the Fernald Preserve. Ensuring community awareness of the site's history and maintaining environmental controls will require outreach to new residents and future generations. DOE remains committed to its public involvement program.

The Visitors Center is open to the public and has computers for accessing electronic copies of the Fernald CERCLA Administrative Record (AR). The CERCLA AR documents for Fernald were scanned into industry-standard searchable Adobe Acrobat PDF files for viewing over the Internet. The AR documents are available to the public on the LM website (https://www.lm.doe.gov/CERCLA/SiteSelector.aspx). The documents are searchable by document number, document date, document title, and by searching the text of the document. Additionally, key document indexes were created for each operable unit and posted on the LM website (https://www.lm.doe.gov/CERCLA_Home.aspx). The CERCLA AR will be updated as new documents are created.

DOE consulted with appropriate stakeholders, including site labor unions, retirees, former employees, the Crosby Township Historical Society, and Fernald Living History Inc. to create a Cold War garden located on the Fernald property. This memorial was dismantled and moved to a location near the Fernald Preserve Visitors Center.

4.2 Interested Community Members and Local, City, and State Elected Officials

DOE recognizes that stakeholders may be any affected or interested party, including, but not limited to:

- Local elected officials.
- Fernald Citizens Advisory Board (FCAB).
- Fernald Residents for Environmental Safety and Health (FRESH).
- Fernald Community Alliance.
- Fernald Community Health Effects Committee.
- Current and retired Fernald contractor employees.
- Citizens of Hamilton and Butler Counties.
- State and local government agencies, including Ohio EPA.
- Elected State of Ohio officials.
- Federal agencies, including EPA.
- Congressional delegations for Ohio and part of Indiana.
- Local media.
- Local elementary and secondary schools.
- Local colleges and universities.
- Environmental organizations.
- Business owners.
- Service organizations.
- Other interested individuals.

The FCAB was originally established in August 1993 as the Fernald Citizens Task Force. In 1997, the task force changed its name to the Fernald Citizens Advisory Board to coincide with citizen advisory boards at other DOE sites. The FCAB was a DOE site-specific advisory board chartered by the Federal Advisory Committee Act to advise DOE on activities pertaining to the remediation and future use of the Fernald Preserve. The board consisted of members of the public, including local residents, labor representatives, local government, academia, business representatives, and ex-officio members from DOE, EPA, Ohio EPA, and the Agency for Toxic Substances and Disease Registry. The FCAB was disbanded in September 2006.

FRESH is an environmental activist group that was formed in 1984 to monitor Fernald activities. The stated purposes of the organization were to ensure that the Fernald site was cleaned up, to communicate and educate the surrounding communities about the site, and to advocate responsible environmental restoration and human safety and health. FRESH was a member of the Alliance for Nuclear Accountability (formerly known as the Military Production Network) and the Ohio Environmental Council and Environmental Community Organization. The group's

motto was “Making a Difference Since 1984.” FRESH held its last public meeting related to Fernald activities in November 2006.

Fernald Living History Inc. is dedicated to ensuring that knowledge of the history of Fernald, its importance to the Cold War effort, the facilities that existed at the site, and its cultural significance is available for future generations. This organization has played an important role in establishing institutional controls as a means of protecting the cleanup remedy at Fernald. The group changed its name to the Fernald Community Alliance to reflect a change in mission and emphasis.

The organizations described above have played integral roles in the cleanup and legacy management planning of Fernald. The Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 (PL 108-375) includes language that specifies the development of local stakeholder organizations (LSOs) at three closure sites, including Fernald. The purpose of the LSOs is to provide a formal mechanism for local communities to continue to be involved in DOE’s decision-making process as it relates to the sites’ post-closure care. LM met with stakeholder groups representing each of these three closure sites to gather input on the potential LSO membership and transition to LSOs. Public meetings to discuss the formation of a Fernald LSO were held on August 31, 2005; November 16, 2005; and February 8, 2006. Local stakeholders decided to defer formation of an LSO. Public meetings to discuss the formation of a Fernald LSO were held on August 31, 2005; November 16, 2005; and February 8, 2006. Local stakeholders decided to defer formation of an LSO.

4.3 Roles and Responsibilities

DOE’s Office of Environmental Management (EM) was responsible for completing cleanup and closure of Fernald. This cleanup and closure included the decontamination and decommissioning of 255 former production plants, support structures, and associated components; the shipment of all radioactive waste offsite; remediation of five OUs; removal of waste from three silos; extraction and treatment of contaminated groundwater; transfer of excess government property to state and local agencies; and preparation of the property for long-term management by LM.

LM is responsible for the long-term care of legacy liabilities at former nuclear weapons production sites, following completion of the EM cleanup effort. The primary goals are to:

- Protect human health and the environment through effective and efficient long-term surveillance and maintenance.
- Manage legacy land assets, emphasizing safety, reuse, and disposition.
- Maintain the remedy, including the continuing groundwater remediation.
- Mitigate community impacts resulting from the cleanup of legacy waste and changing DOE missions.
- Administer post-closure benefits for former contractor employees.
- Manage site records.

Following the cleanup and closure of Fernald, as an EM site, responsibility for maintaining the CERCLA remedies transferred to LM. LM is responsible for compliance with the legacy management requirements and protocols that are documented in the site-specific LMICP. At

other DOE sites, the LMICP is known as the Long-Term Surveillance and Maintenance (LTS&M) Plan. Fernald's post-closure LTS&M requirements fall into three categories: operation and maintenance of the remedy, legacy management in restored areas, and public involvement.

Legacy management activities related to the maintenance of the remedy include monitoring and maintaining the On-Site Disposal Facility, ensuring that site access and use restrictions are enforced, continuing the active groundwater remediation, and managing records. Maintaining institutional controls, safeguards that effectively protect human health and the environment, will be a fundamental component of LTS&M at Fernald and will include ensuring that no residential, agricultural, hunting, swimming, camping, fishing, or other prohibited activities occur on the property. In addition, appropriate wildlife management techniques and processes may also be necessary.

Legacy management in restored areas will include ensuring that natural and cultural resources will be protected in accordance with applicable laws and regulations. Wetlands and threatened and endangered species are examples of natural resources that will be monitored.

Legacy management activities related to public involvement include continued communication with the public regarding the continuing groundwater remediation, legacy management activities, and the future of the Fernald Preserve. Emphasis will also be placed on education of the public regarding the site's former production activities, the site's remediation, and land use restrictions. Education will include displays and programs at the Visitors Center and outreach programs at local schools and organizations.

5.0 Public Participation Activities

Public participation is an important part of the CERCLA process. As a testament to that fact, the Community Involvement Plan is included in Volume II, the enforceable portion of the LMICP. DOE will offer opportunities for public involvement beyond those required by regulations. Public participation activities are conducted in support of the DOE goal of actively informing the public about the Fernald Preserve and to provide opportunities for open, ongoing, two-way communication between DOE and the public.

DOE has been conducting public participation activities to meet citizen expectations for involvement in the decision-making process for areas not specified by statutes and regulations. In such cases, DOE has successfully used the consultation process by inviting the general public, special interest groups, and the local government to participate early in the decision-making process and the prioritization of Fernald activities. The consultation process supplements the public involvement activities required by law. By engaging the community early in decision-making processes, DOE is better able to integrate community values into its decisions and build trust among stakeholders. In 2019, a site Master Plan will be developed to guide future decisions regarding land use, public amenities and interpretive services. Public input was sought in 2018 via an online survey and several workshops.

The following are general descriptions of post-closure public participation activities LM has planned. As activities at the site decrease, DOE anticipates a corresponding reduction in topics that warrant communication to stakeholders. Table 1 shows the planned public participation activities.

5.1 Meetings

LM provides briefings, workshops, and presentations on site activities in a variety of public forums.

5.1.1 Public Meetings

LM held public meetings quarterly for the first year after closure and has since held meetings at least annually thereafter to address post-closure issues of importance to stakeholders. These meetings provide information about LTS&M activities being conducted at the site and will present the results of annual site inspections. Notification of the annual community meeting will be made through the stakeholder mailing list.

5.1.2 Briefings for Local, State, and Federal Elected Officials

LM will brief elected officials as needed to discuss new data trends or the evaluation of post-Record of Decision changes.

Table 1. Matrix of Public Participation Activities

Activity	Post-closure
Meetings	
Public Meetings	• Quarterly public meetings for the first year following closure and annually thereafter. Notification of the public meeting will be made through the stakeholder mail list. • Address post-closure issues, including LTS&M activities and annual inspection results.
Briefings for Elected Officials	• Continue briefings. • Discuss new data trends or evaluation of post–Record of Decision changes.
Meetings With Citizens Groups	• LM will meet with stakeholders. • Local stakeholders decided to defer formation of an LSO.
Administrative Record	• Maintain an internet accessible electronic copy of the AR. • Maintain a public resource room that allows computer access to electronic copies of AR documents.
Onsite Education Facility	• The Visitors Center is located onsite. • The educational and information function serves as an institutional control. • The Cold War Garden is located onsite.
Internet Website	• LM will maintain a webpage for the Fernald Preserve and will include CERCLA documents prepared after closure. • Administrative Record will be available electronically through the Internet.
Site Tours	• LM will conduct site tours as requested.
Documents for Public Review and Comment	• CERCLA requirements will be followed for public comment. • The public shall be notified prior to the start each CERCLA Five-Year Review to provide an opportunity for public comment. The public shall also be notified following the completion of the Five-Year Review Report. • Stakeholders will be consulted on review of pertinent nonregulatory documents. • Anticipate creating a minimal number of CERCLA documents. • Post-closure changes required to significant cleanup documents will be discussed with stakeholders.
News Releases	• LM will continue to issue news releases after closure, as needed.
Publications	• LM will prepare fact sheets and brochures as needed. • Distributed through mailings and posted on website.
Public Outreach Presentations	• Public outreach presentations will be given as requested.

Table 1 (continued). Matrix of Public Participation Activities

Activity	Post-closure
Emergency Contacts	• In case of an emergency, dial 911. • Established contacts will be notified in emergency situations. • Signs with the site manager or a toll-free number will be posted around the site. • The contractor site manager number is (513) 910-6107. The 24-hour emergency number is (877) 695-5322.
Mailing Lists	• LM is responsible for maintaining Fernald Preserve contacts.

5.1.3 Meetings with Citizens Groups

LM will meet with post-closure stakeholder groups to discuss topics of interest and concern.

5.2 Visitors Center

LM has established a Visitors Center onsite. The Visitors Center contains exhibits and documents about the history and remediation of the Fernald site, including information on site restrictions, ongoing maintenance and monitoring, and residual risk data. The Visitors Center provides educational services, meeting accommodations, and storage for historical information and photographs. A primary goal of the Visitors Center is to fulfill an informational and educational function within the surrounding community. The information made available at the Visitors Center serves as an institutional control for the site. Meeting space is available for use by the public. Policies for use and an application process are established in the *Community Meeting Room, Program Shelter, Resource Room, and Staff Program/Speaker Policies, Fernald Preserve, Fernald, Ohio* (DOE 2015).

5.3 Onsite Education Facility

LM will continue to work with interested stakeholders who desire to preserve and tell the story of Fernald. The Visitors Center serves as an onsite education facility for schools and community groups. LM will support community efforts to develop and provide historical preservation programs.

5.4 Trails and Public Amenities

The Fernald Preserve is open to the public from 7:00 a.m. to dusk every day. A series of trails provides access to ecologically restored areas of the site. Several overlooks and an observation blind provide additional opportunities for viewing wildlife. A number of interpretive signs have been installed along site trails and overlooks. These signs provide information to the public regarding the history of the Fernald Preserve and wildlife that can be observed onsite.

5.5 Public Access to Information

The Visitors Center houses computing facilities for access and acquisition to electronic copies of the CERCLA AR. The CERCLA AR documents for Fernald were scanned into industry-standard searchable PDF files for viewing over the Internet. The AR documents are available to the public on the LM website (https://www.lm.doe.gov/CERCLA_Home.aspx). The documents are searchable by document number, document date, document title, and by searching the text of the document. Additionally, key document indexes were created and posted for each operable unit. The Fernald Preserve records staff can be contacted at (513) 648-3106 for assistance in searching for a document in the CERCLA AR. The CERCLA AR will be updated as new documents are created.

5.6 Interpretive Services

Interpretive services provide an important forum to help the community understand post-closure site conditions and the controls in place to protect human health and the environment. Official visits, tours, or customized programs are scheduled in response to specific requests. Access to the On-Site Disposal Facility is limited to pre-scheduled groups escorted by authorized personnel. LM will continue to offer stakeholder and media tours as requested. The *Community Meeting Room, Program Shelter, Resource Room, and Staff Program/Speaker Policies, Fernald Preserve, Fernald, Ohio* (DOE 2015) establishes a standard process for requesting site interpretive services.

5.7 Documents for Public Review and Comment

LM will provide opportunities for stakeholders to review and comment on post-closure documents as required by CERCLA regulations, including Five-Year Reviews. For documents not specified by statutes and regulations, LM will consult with stakeholders to address citizen expectations for involvement in public reviews and comments. LM anticipates the number of CERCLA post-closure documents developed to be minimal.

The LMICP explains how LM will fulfill its LTS&M obligations at the site. The public has been provided an opportunity to comment on the LMICP and will continue to have the opportunity to comment on revisions to the plan. Changes required after closure to significant site documents will be discussed with stakeholders. Notification of public document reviews will be made through the stakeholder mailing list.

5.8 News Releases

LM will issue information announcing public meetings regarding LM documents or significant post-closure activities.

5.9 Publications

LM will prepare fact sheets, brochures, and other information as needed to describe post-closure activities. These documents will be provided to stakeholders in the Visitors Center and will be posted on the LM website.

5.10 Public Outreach Presentations

LM will continue with public outreach presentations on Fernald as requested.

5.11 Emergency Contacts

In the event of an emergency, LM will notify established points of contact, regulators, local elected officials, and community officials. Congressional offices will be informed promptly if an emergency situation arises. The 911 service will be used to request emergency assistance on or near the site. Signs with a local number for the site manager or a toll-free number for citizens to register concerns about the site will be posted at visible locations around the site. The public may use either of these numbers to notify LM of site concerns. The 24-hour security telephone numbers will be posted at site access points and other key locations on the site. The contractor site manager number is (513) 910-6107. The toll free 24-hour emergency number is (877) 695-5322.

5.12 Mailing Lists

LM maintains a contact database of stakeholders associated with any legacy management site. LM is responsible for maintaining the list of Fernald stakeholders after closure.

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6.0 References

42 USC 9601 et seq. "Comprehensive Environmental Response, Compensation, and Liability Act of 1980," as amended, *United States Code*.

DOE (U.S. Department of Energy), 1999. *Environmental Assessment for Proposed Final Land Use at the Fernald Environmental Management Project,* Revision 1, Fernald Environmental Management Project, Cincinnati, Ohio, June.

DOE (U.S. Department of Energy), 2015. *Community Meeting Room, Program Shelter, Resource Room and Staff Program/Speaker Policies Fernald Preserve, Fernald, Ohio*, LMS/FER/S05063, Office of Legacy Management.

PL 108-375. "Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005," Public Law.

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Appendix A

Contact List

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Site Contact Information	
Legacy Management 24-Hour Monitored Security Telephone Number **(877) 695-5322 or (513) 910-6107** **Administrative Record Assistance** **(https://www.lm.doe.gov/CERCLA_Home.aspx)** **(513) 648-3106**	
U.S. Department of Energy (DOE)	
DOE Office of Legacy Management	
Carmelo Melendez U.S. Department of Energy LM-1 1000 Independence Ave., S.W. Washington, D.C. 20585 Email: carmelo.melendez@lm.doe.gov	Susan Smiley Office of Legacy Management Fernald Preserve Manager U.S. Department of Energy 10995 Hamilton-Cleves Highway Harrison, OH 45030-9728 (513) 648-3333 Email: sue.smiley@lm.doe.gov
U.S. Environmental Protection Agency	***Ohio Environmental Protection Agency***
David Seely Remedial Project Manager U.S. Environmental Protection Agency, Region 5 (SR-6J) 77 W. Jackson Blvd. Chicago, IL 60604-3590 (312) 886-7058 Email: seely.david@epa.gov	Laura Hafer Fernald Project Coordinator Ohio Environmental Protection Agency 401 East 5th Street Dayton, OH 45402-2911 (937) 285-6455 Email: Laura.Hafer@epa.ohio.gov Website: www.epa.ohio.gov
Federal Elected Officials	
Ohio	
The Honorable Sherrod Brown, Senator United States Senate 713 Hart Senate Office Building Washington, D.C. 20510-3505 (202) 224-2315 Email: Contact via Web Form: www.brown.senate.gov/contact/	The Honorable Rob Portman, Senator United States Senate 448 Russell Senate Office Building Washington, D.C. 20510-3506 (202) 224-3353 Email: Contact via Web Form: https://www.portman.senate.gov/public/index.cfm/contact-form
The Honorable Steve Chabot, Representative U.S. House of Representatives 2371 Rayburn House Office Building Washington, D.C. 20515-3501 (202) 225-2216 Email: Contact via Web Form: https://chabot.house.gov/contact/	The Honorable Warren Davidson, Representative U.S. House of Representatives 1004 Longworth House Office Building Washington, D.C. 20515-0001 (202) 225-6205 Email: Contact via Web Form: https://davidson.house.gov/contact/email

State Elected Officials	
State of Ohio	
The Honorable Mike Dewine, Governor of Ohio Riffe Center, 30th Floor 77 S. High Street Columbus, OH 43215-6117 (614) 466-3555 Email: Contact via Web Form: http://www.governor.ohio.gov/Contact/ContacttheGovernor.aspx	The Honorable Jon Husted, Lt. Governor of Ohio Riffe Center, 30th Floor 77 S. High Street Columbus, OH 43215-6117 (614) 466-3555 Email: Contact via Web Form: http://www.governor.ohio.gov/Contact/ContacttheGovernor.aspx
The Honorable Louis Terhar, Senator Ohio Senate – District 8 Senate Building 1 Capitol Square, Ground Floor Columbus, OH 43215-4275 (614) 466-8068 Email: Contact via Web Form: http://www.ohiosenate.gov/senators/terhar/contact	The Honorable William P. Coley, Senator Ohio Senate – District 4 Senate Building 1 Capitol Square, 1st Floor Columbus, OH 43215 (614) 466-8072 Email: Contact via Web Form: http://www.ohiosenate.gov/senators/coley/contact
The Honorable Louis W. Blessing III, Representative Ohio House of Representatives – District 29 77 S. High Street, 13th Floor Columbus, OH 43215 (614) 466-8068 Email: Contact via Web Form: http://www.ohiohouse.gov/louis-w-blessing-iii/contact	The Honorable Sara Carruthers, Representative Ohio House of Representatives – District 51 77 S. High Street, 13th Floor Columbus, OH 43215 1-800-282-0253 Email: Contact via Web Form: http://www.ohiohouse.gov/sara-carruthers/contact
The Honorable Candice R. Keller, Representative Ohio House of Representatives – District 53 77 S. High Street, 11th Floor Columbus, OH 43215 (614) 644-5094 Email: Contact via Web Form: http://www.ohiohouse.gov/candice-keller/contact	
State of Indiana	
The Honorable Eric Holcomb Governor of Indiana 200 West Washington Street, Room 206 Indianapolis, IN 46204-4567 (317) 232-4567 Email: Contact via Web Form: http://www.in.gov/gov/2752.htm	

County and Local Elected Officials	
Mr. Todd Portune, Commissioner Hamilton County, Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4401 Email: todd.portune@hamilton-co.org	Ms. Denise Driehaus, Commissioner Hamilton County Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4406 Email: denise.driehaus@hamilton-co.org
Ms. Stephanie Dumas, Commissioner Hamilton County Administration Building 138 East Court Street, Room 603 Cincinnati, OH 45202 (513) 946-4400 Email: stephanie.dumas@hamilton-co.org	Mr. Timothy C. Rogers, Commissioner Butler County, Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: rogerst@butlercountyohio.org
Ms. Cindy Carpenter, Commissioner Butler County Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: carpenterc@butlercountyohio.org	Mr. Donald L. Dixon, Commissioner Butler County Government Services Center 315 High St., 6th floor Hamilton, OH 45011 (513) 887-3247 Email: dixond@butlercountyohio.org
Mr. Chris Dole Crosby Township 8910 Willey Road Harrison, OH 45030 (513) 317-2861 Email: cdole@crosbytwp.org	Mr. Brett Updike Morgan Township 3141 Chapel Road, Box 1 Okeana, OH 45053 (513) 678-1965 Email: bupdike@morgantownship.org
Mr. Dennis Conrad, Jr. Reily Township 6093 Reily Millville Road Oxford, OH 45056 (513) 757-4113 No email address available	Mr. Tom Willsey Ross Township 4055 Hamilton Cleves Road Ross, OH 45013 (513) 738-2409 Email: twillsey@rosstwp.org

Health Departments	
Hamilton County Public Health 250 William Howard Taft, 2nd Floor Cincinnati, OH 45219 (513) 946-7800	Butler County Health Department 301 South 3rd Street Hamilton, OH 45011 (513) 863-1770
Mr. Stephen Helmer Ohio Department of Health Bureau of Environmental Health and Radiation Protection 246 North High St. Columbus, OH 43215 (614) 644-2727 Email: BRadiation@odh.ohio.gov or Stephen.helmer@odh.ohio.gov	
Environmental/Interest Groups	
Fernald Community Alliance Graham Mitchell President 6104 Chappelfield Dr. West Chester, OH 45069-6447 (513) 777-0212 Email: grahamitchell@gmail.com http://fernaldcommunityalliance.org/	