



Department of Energy
Washington, DC 20585

June 30, 2016

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

Mr. Thomas A. Schneider
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402

Dear Mr. Seely and Mr. Schneider:

SUBJECT: Transmittal of the June 2016 Fernald Quarterly Inspection Report

This letter is the June 2016 quarterly inspection report for the Fernald Preserve at the Fernald, Ohio, Site. Inspections are conducted as directed by the *Comprehensive Legacy Management and Institutional Controls Plan* (LMICP) (LMS/FER/S03496). This letter also fulfills the reporting requirements specified in the Environmental Covenant, which is Appendix D of the *Consent Decree Resolving Ohio's Natural Resource Damage Claim Against DOE*. The inspections confirm that the activity and use limitations for the Fernald Preserve remain in place and are being complied with.

This June inspection report includes results from the On-Site Disposal Facility (OSDF) and site inspections that were conducted from June 1 through June 2. As stated in the 2016 LMICP, site inspections consist of two components: point-specific institutional control (IC) inspections and field walk-downs. All field walk-downs are scheduled during the dormant-vegetation months of November through April. Results are included for the following inspections:

INSPECTION TYPE	DATE	PARTICIPANTS
OSDF Inspection	June 1, 2016	Ohio Environmental Protection Agency, and Navarro
IC Inspection	June 1-2, 2016	Navarro

Findings from the point-specific inspection are documented on the *Fernald Preserve Institutional Control Inspection* form. Findings from the OSDF inspection are recorded on the *Fernald Preserve OSDF Walk-down Inspection Findings Summary* and on the associated map. The individual walk-down reports and associated maps for each inspection are included with this report. Photographs of the OSDF and the surrounding area were taken to accompany the OSDF inspection and are also included.



Findings from Site Inspections

Point-specific ICs were inspected June 1 through June 2. There were several findings of vegetation obscuring perimeter signs. One perimeter sign also appears to have been hit by a vehicle and is leaning.

Fencing that was installed in 2015 around the main drainage corridor's 60-inch culvert inlet is working as intended. There has been no beaver activity at the inlet since its installation. The original grating remains in place and is functional.

DOE is committed to providing quarterly summary numbers regarding debris findings. Debris from inspections was limited since the last report. Four pieces of debris were surveyed. Two of the pieces were free-released. The other two were retained onsite for later disposal. A 20-foot section of pipe was retrieved from the western portion of the site. The pipe was 12-inch diameter stainless steel that appeared to be re-used for drainage control. No radiological contamination was detected, but the pipe has not been free-released because the length of the pipe prevents a full survey from being completed. A second piece of debris was a 12-inch by 12-inch piece of siding that was retained because it is suspected to be asbestos containing material. The siding was found in an upstream reach of Paddys Run so it likely washed onto the Fernald property from offsite. Surveyed debris is a combination of debris from inspection follow-up, discoveries during construction activities, and casual observation while in the field.

Findings from OSDF Inspection

The June 2016 OSDF inspection took place on June 1 and included a walk-down inspection of the OSDF toe, drainages, and fence line. Most findings were related to the presence of invasive woody vegetation. A prescribed burn took place on March 29, 2016 on cell caps 4, 5, and 6. The vegetated caps appeared to be responding well to this management approach.

Findings from all of these inspections have been added to the site maintenance database and are included in the *Fernald Maintenance and Repair Action Items Summary*; a printout is enclosed. Resolution of the findings is then tracked through the database. Items on the list that have been resolved since the previous inspection report are included in the report with the date and description of the resolution. Previously reported items that have been resolved are removed from the list. The resolution of older findings can be found in previous quarterly inspection reports.

The remaining calendar year 2016 inspection schedule is as follows:

DATE	INSPECTION TYPE	REPORT DATE
September 2016	OSDF (toe) and IC	October 2016 (includes OSDF vegetation monitoring data)
December 2016	Site West Quadrant, OSDF (cap), and IC	January 2017

Mr. David Seely
Mr. Thomas Schneider
Page 3

If you have any questions or require additional information, please call me at (513) 648-3333.
Please send any correspondence to my attention at:

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

Sincerely,

A handwritten signature in black ink that reads "Susan Smiley". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Susan Smiley
Fernald Preserve Site Manager
DOE-LM-20.2

Enclosure

cc w/enclosure:

M. Murphy, USEPA-V, A-18J
M. Rubadue, ODH
T. Schneider, OEPA (three copies of enclosure)
Project Record File FER 115.02.05(A) (thru B. Irvine)
Administrative Records (thru B. Irvine)
OSTIdocuments@lm.doe.gov

cc w/o enclosure:

(electronic)
G. Hooten, DOE-LM
T. Smith Taylor, DOE-LM
B. Hertel, Navarro
J. Homer, Navarro
L. McHenry, Navarro

Fernald Preserve Institutional Control Inspection

Date June 2016 Inspector Navarro Area Institutional Controls

Institutional Control	Type of Finding (See Definitions Page)				Description	Photo? (File No.)	Follow Up		
	Signage	Barrier	Groundskeeping	Other			Corrected	Maintenance Req'd	Cont. Observation
Access Points									
South Access					NO FINDINGS				
North Access					NO FINDINGS				
Eco Park					NO FINDINGS				
Forest Demo					NO FINDINGS				
Perimeter Authorized Vehicle Access									
					NO FINDINGS				
Perimeter Signage									
S34, S23, S17, S5, S4, S6, S7	X				Signs need branches and brush trimmed away			X	
S46	X				Signs need branches and brush trimmed away				X
S14	X				Could not locate due to overgrown vegetation			X	
S41	X				Sign appears to have been hit by vehicle and is leaning			X	
Fencing									
CAWWT					NO FINDINGS				
OSDF					NO FINDINGS				
Utility					NO FINDINGS				
Trestle					NO FINDINGS				
Interior Authorized Vehicle Access									
					NO FINDINGS				
Buildings and Structures									
Communication Building					NO FINDINGS				
Dissolved Oxygen Building					NO FINDINGS				
Restoration Storage Shed					NO FINDINGS				
Other IC									
60-Inch Culvert					NO FINDINGS				
Uncertified Areas					NO FINDINGS				
Roads and Parking Areas					NO FINDINGS				

U.S. Department of Energy Office of Legacy Management

Fernald Preserve Institutional Control Inspection (continued)

Date June 2016 Inspector Navarro Area Institutional Controls

Trails and Overlooks					NO FINDINGS					
----------------------	--	--	--	--	-------------	--	--	--	--	--

Additional Notes

NONE

U.S. Department of Energy Office of Legacy Management

Fernald Preserve OSDF Walkdown Inspection Report

Beginning: 06/01/2016

Ending: 06/01/2016

Area(s): OSDF Toe, Drainage, Fence Line

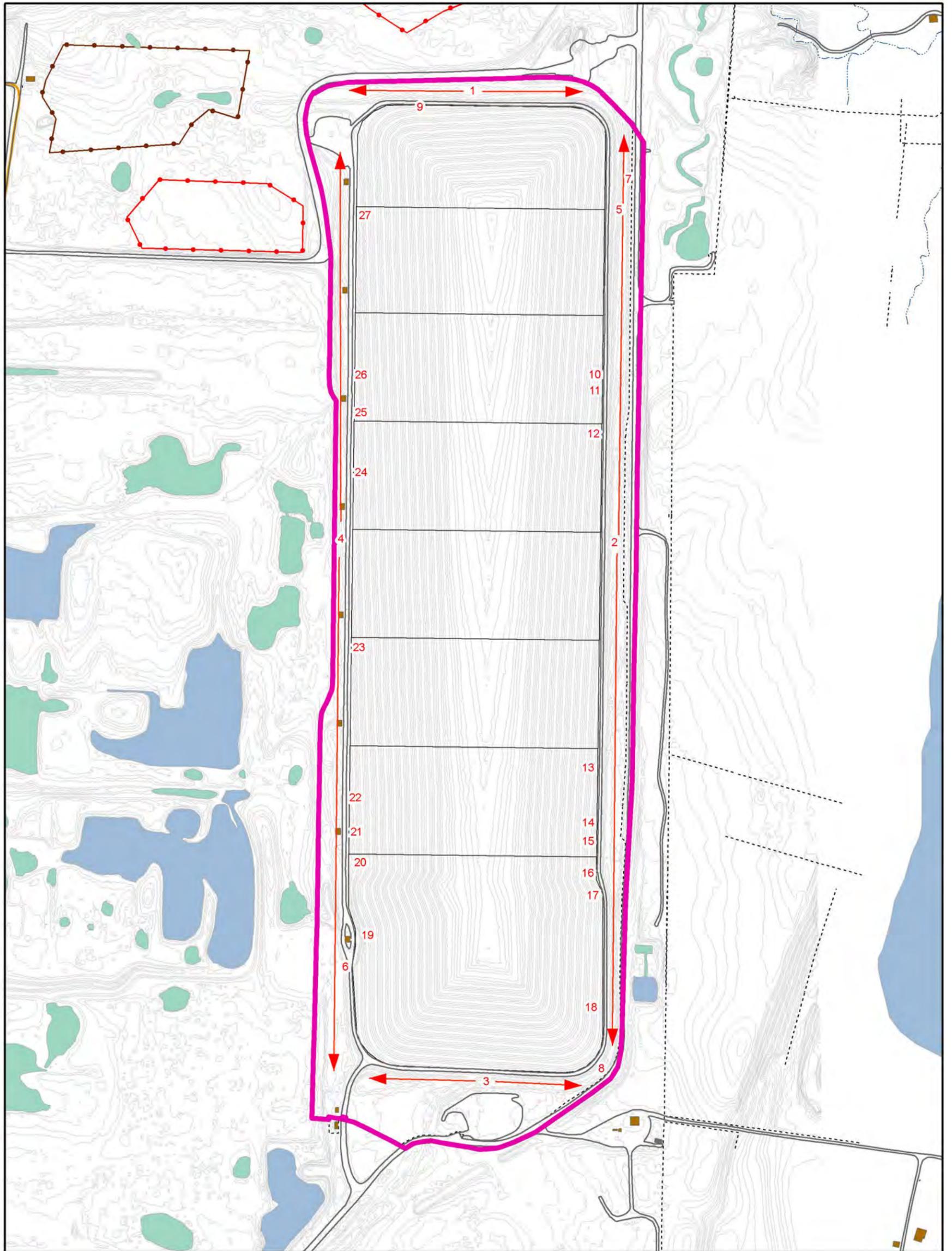
Inspector(s): Navarro, Ohio EPA

Map No.	Location	GPS?	Type of Finding	Description	Photo? (File No.)
1	North drainage	No	Vegetation	Woody vegetation throughout the length of the north drainage	
2	East drainage	No	Vegetation	Woody vegetation throughout the length of the east drainage	
3	South drainage	No	Vegetation	Woody vegetation throughout the length of the south drainage	
4	West drainage	No	Vegetation	Woody vegetation throughout the length of the west drainage	
5	Cell 1/2 boundary, east drainage in riprap	No	Vegetation	Teasel patch growing in riprap	
6	Cell 8, on west edge of road at southwest corner	No	Vegetation	Teasel patch growing in riprap	
7	Cell 1, east fenceline	No	Biointrusion	Animal burrow under the fence	
8	Southeast corner in riprap along fenceline	No	Vegetation	Crown vetch	
9	Cell 1, north toe	No	Vegetation	Multiflora rose	
10	Cell 3, east toe	No	Vegetation	Callery pear	
11	Cell 3, east toe	No	Vegetation	Callery pear	

Map No.	Location	GPS?	Type of Finding	Description	Photo? (File No.)
12	Cell 4, east toe	No	Vegetation	Callery pear	
13	Cell 7, east toe	No	Vegetation	Honeysuckle (3)	
14	Cell 7, east toe	No	Vegetation	Honeysuckle	
15	Cell 7, east toe	No	Vegetation	Honeysuckle	
16	Cell 8, east toe	No	Vegetation	Honeysuckle	
17	Cell 8, east toe	No	Vegetation	Thistle and honeysuckle	
18	Cell 8, east toe	No	Vegetation	Hackberry and honeysuckle	
19	Cell 8, west toe	No	Vegetation	Cedar tree in riprap	
20	Cell 8, in riprap near valve house	No	Vegetation	Various woody vegetation in riprap	
21	Cell 7, west toe	No	Vegetation	Various woody vegetation in riprap	
22	Cell 7, west toe	No	Vegetation	Woody vegetation	
23	Cell 6, west toe in riprap	No	Vegetation	Woody vegetation	
24	Cell 4, west toe	No	Vegetation	Woody vegetation	
25	Cell 3, west toe	No	Vegetation	Woody vegetation	
26	Cell 3, west toe	No	Vegetation	Woody vegetation	
27	Cell 1/2 boundary, west toe	No	Vegetation	Woody vegetation	

Additional Notes

None



Inspection Area	Open Water	Trail
Inspection Finding Location	Wetland Basin	Fence
Deer Fence Maintained	Paddys Run	Stream
Deer Fence Removed	Building	Elevation Contour
Road	OSDF Cell Cap	

U.S. DEPARTMENT OF ENERGY Legacy Management

Work Performed by
 Navarro Research & Engineering, Inc.
 Under DOE Contract Number DE-LM000421

DATE PREPARED:
 June 16, 2016

FILE NAME:
 OSDF_Inspection_June2016

Fernald Preserve
 OSDF Inspection
 June 2016

W:\m\gis\ProjectWorkArea\Sites\OHI\Fernald\ProjectWorkArea\wdrichd\OSDF\OSDF\OSDF_Inspection_June2016.mxd wdrichd 06/16/2016 9:29:40 AM

OSDF Inspection Findings - June 2016

FERNALD PRESERVE

On-Site Disposal Facility

Inspection Photographs

June 2016



U.S. DEPARTMENT OF
ENERGY

Legacy
Management



IMGP5404

East Face Cell 1



IMGP5429

West Face Cell 1



IMGP5402

North Face Cell 1



IMGP5403

North Drainage (looking west)



IMGP5406

East Face Cell 2



IMGP5428

West Face Cell 2



IMGP5407

East Face Cell 3



IMGP5427

West Face Cell 3



IMGP5408

East Face Cell 4



IMGP5425

West Face Cell 4



IMGP5410

East Face Cell 5



IMGP5424

West Face Cell 5



IMGP5411

East Face Cell 6



IMGP5423

West Face Cell 6



IMGP5412

East Face Cell 7



IMGP5421

West Face Cell 7



IMGP5414

East Face Cell 8



IMGP5417

West Face Cell 8



IMGP5416

South Face Cell 8



IMGP5415

South Drainage (looking west)



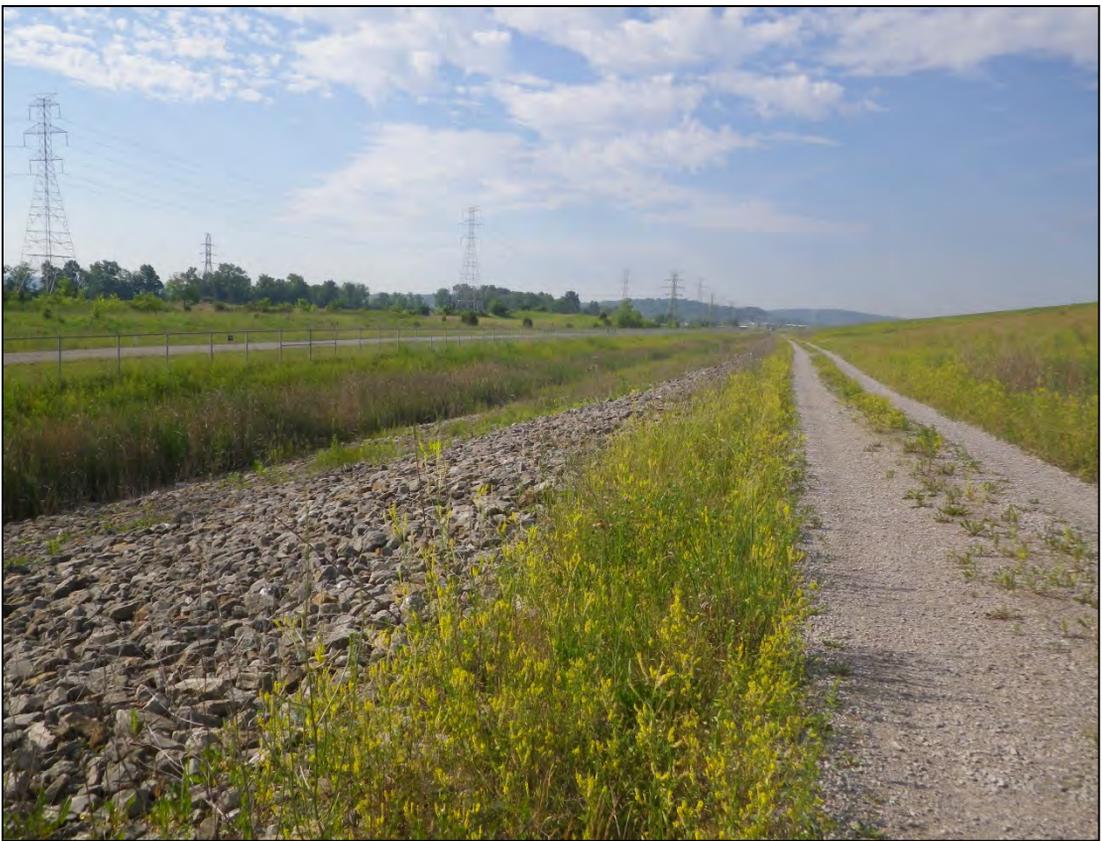
IMGP5413

East Drainage Cell 7 (looking south)



IMGP5409

East Drainage Cell 4 (looking south)



IMGP5405

East Drainage Cell 1 (looking south)



IMGP5422

West Inner Drainage Cell 7 (looking south)



IMGP5426

West Inner Drainage Cell 4 (looking south)



IMGP5401

West Inner Drainage Cell 1 (looking south)



IMGP5430

West Outer Drainage Cell 1 (looking south)



IMGP5420

West Outer Drainage Cell 8 (looking south)



IMGP419

West Outer Drainage Cell 8 (looking north)

FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

JUNE 2016 UPDATE

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
856	Duke Energy substation	No	Honeysuckle all along bank east of Duke Energy substation	12/14/2009	December 2009 quarterly field walkdown	11			Large-scale woody invasives are addressed on a prioritized schedule
1006	South pines north of Sycamore Trail	No	Honeysuckle all over	6/2/2010	June 2010 quarterly field walkdown	38			Large-scale woody invasives are addressed on a prioritized schedule
1013	South side of south pines deer fence	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	45			Large-scale woody invasives are addressed on a prioritized schedule
1020	Southeast of "dance hall"	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	52			Large-scale woody invasives are addressed on a prioritized schedule
1022	Drainage west of northern most well in south field	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	54			Large-scale woody invasives are addressed on a prioritized schedule.
1291	North pines	No	Honeysuckle along woodline	9/7/2011	September 2011 quarterly field walkdown	10			Large-scale woody invasives are addressed on a prioritized schedule
1466	Shingle Oak Trail	No	Teasel	6/5/2012	June 2012 quarterly field walkdown	24			
1468	Drainage area	No	Garlic mustard	6/5/2012	June 2012 quarterly field walkdown	26			
1671	Behind Valve House (VH) 8	No	Culvert pipe	3/12/2013	March 2013 OSDF Inspection	HS13			
1739	East bank Paddys Run	No	Multiflora rose	6/6/2013	June 2013 quarterly field walkdown	52			
1741	Overlook on Shingle Oak Trail at pond	No	Pear	6/6/2013	June 2013 quarterly field walkdown	54			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
1774	Hill along State Route 126	No	Teasel and honeysuckle	9/4/2013	September 2013 quarterly field walkdown	3			Large-scale woody invasives are addressed on a prioritized schedule
1781	Hill along State Route 126	No	Honeysuckle	9/4/2013	September 2013 quarterly field walkdown	10			Large-scale woody invasives are addressed on a prioritized schedule
1788	WM1 W4 between pond and swale	No	Honeysuckle	9/4/2013	September 2013 quarterly field walkdown	17			
1790	By well south of WM1	No	Callery pear	9/4/2013	September 2013 quarterly field walkdown	19			
1795	East edge Cell 8	No	Debris	9/10/2013	September 2013 OSDF Inspection	JH3			
1798	Cell 2, east 6:1	No	Rock/concrete	9/10/2013	September 2013 OSDF Inspection	JH7			
1817	West fence at Cell 7/8	No	Debris	9/10/2013	September 2013 OSDF Inspection	HS19			
1839	Deer fence	No	Fence overgrown	12/3/2013	December 2013 quarterly field walkdown	17			OK to remove fence
1840	Floodplain	No	Deer cages can be removed	12/3/2013	December 2013 quarterly field walkdown	18			Deer cages can be removed
1848	Southeast of chestnut plot	No	Remove tree fence	12/3/2013	December 2013 quarterly field walkdown	26			Photo taken by inspector
1910	Northwest of Skillet Pond	No	Concrete	3/10/2014	March 2014 quarterly field walkdown	53			
2020	Train trestle across Paddys Run	No	Thick vegetation along fencing and gate of trestle	6/3/2014	June 2014 point-specific institutional controls inspection	NA			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2109	West edge of W6	No	Trash	9/3/2014	September 2014 quarterly field walkdown	15			
2110	West edge W4	No	Trash	9/3/2014	September 2014 quarterly field walkdown	16			
2111	South of WM1 wetlands along road	No	Erosion	9/3/2014	September 2014 quarterly field walkdown	17	No action is necessary at this time	6/15/2016	Erosion needs to be revisited to determine if maintenance is required
2158	West fence at VH 4	No	Water flow from under culvert	9/5/2014	September 2014 OSDF Inspection	44			
2180	Paddys Run trestle	No	Vegetation overgrown at both gates of the trestle	9/4/2014	September 2014 point-specific institutional controls inspection	NA			
2225	Southwest corner mowed flat at drainage	No	Teasel and thistle rosettes	12/3/2014	December 2014 OSDF Inspection	44	Area was mowed	5/27/2016	
2231	North of east end of WM2	No	Stand of teasel	12/4/2014	December 2014 quarterly field walkdown	1			
2232	East and north of service road, northwest of WM2	No	Pear tree	12/4/2014	December 2014 quarterly field walkdown	2			
2235	West of north/south section of Hickory Trail	No	Autumn olive	12/4/2014	December 2014 quarterly field walkdown	5			
2245	WM2 wetlands	No	Deer cages still present	12/4/2014	December 2014 quarterly field walkdown	9			Are these cages still needed?
2270	75 yards east of Well House 28	No	Glazed tile	1/14/2015	January 2015 quarterly field walkdown	25			
2272	Written description of location not provided	No	Erosion	1/14/2015	January 2015 quarterly field walkdown	27			September 2015 - Some stabilization starting; grass is growing

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2276	Former waste pits area (FWP) W7	No	Erosion, hole	1/14/2015	January 2015 quarterly field walkdown	31			
2285	Storm Sewer Outfall Ditch (SSOD)	No	Glazed tile	2/10/2015	February 2015 quarterly field walkdown	2			
2286	North of Southern Waste Units (SWU) near SSOD	No	Erosion	2/10/2015	February 2015 quarterly field walkdown	3			
2292	East side of the pond with the boardwalk	No	Felt	2/10/2015	February 2015 quarterly field walkdown	9			
2293	Between trail and deer fence west of trail	No	Phragmites	2/10/2015	February 2015 quarterly field walkdown	10			
2296	Area inside wooded loop of Sycamore Trail, west of pines	No	Old cages	2/10/2015	February 2015 quarterly field walkdown	13			
2299	West side of deer fence just north of onsite electrical substation	No	Fence hanging, ties broken	2/10/2015	February 2015 quarterly field walkdown	16			
2301	SSOD, below well house	No	Cages next to creek	2/10/2015	February 2015 quarterly field walkdown	18			
2309	East of Shingle Oak Trail between PRE- PP1 sections	No	Asphalt	2/10/2015	February 2015 quarterly field walkdown	26			
2322	East perimeter at fence	No	Metal pipe in ground; hole under fence	3/11/2015	March 2015 OSDF Inspection	12			Cut off pipe
2327	West perimeter north of VH 6 between road and fence	No	Teasel	3/11/2015	March 2015 OSDF Inspection	16	Mowed all along west perimeter fence	5/27/2016	
2331	South perimeter field between fence and gravel road	No	Field of bull thistle	3/11/2015	March 2015 OSDF Inspection	20			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2346	W4 swale	No	Honeysuckle	3/12/2015	March 2015 quarterly field walkdown	2			Large-scale woody invasives are addressed on a prioritized schedule
2353	Northwest of power line tower along ditch	No	Fresh erosion on bank possibly from muskrats	3/12/2015	March 2015 quarterly field walkdown	9			
2358	Monitoring Wells 2431 and 3431	No	Water collecting around well pads; terrain needs altered to drain surface water away from wells	3/12/2015	March 2015 quarterly field walkdown	14			
2365	Bottom of slope	No	Geotextile material	3/12/2015	March 2015 quarterly field walkdown	21			
2366	East of Cell 8, north of former Sewerage Treatment Plant Pond	No	Concrete slab	3/12/2015	March 2015 quarterly field walkdown	22			
2395	South prairie area near gate	No	Scattered musk thistle	6/3/2015	June 2015 OSDF Inspection	24			
2396	South drainage (east/west)	No	Honeysuckle, canada thistle, pear, musk thistle, multiflora rose	6/3/2015	June 2015 OSDF Inspection	25			
2397	Southwest corner along west side of OSDF road just north of gate	No	Honeysuckle	6/3/2015	June 2015 OSDF Inspection	26			
2398	Southwest perimeter along drainage	No	Woody species, invasives, thistle	6/3/2015	June 2015 OSDF Inspection	27	Mowed along interior of west perimeter fence	5/27/2016	
2400	West perimeter at Cell 7/8 boundary	No	Teasel	6/3/2015	June 2015 OSDF Inspection	29	Mowed along interior of west perimeter fence	5/27/2016	
2404	West perimeter at Cell 6 at fence	No	Teasel	6/3/2015	June 2015 OSDF Inspection	33	Mowed along interior of west perimeter fence	5/27/2016	
2413	East perimeter road at Cell 1/2 boundary	No	Honeysuckle	6/4/2015	June 2015 OSDF Inspection	42			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2424	East drainage at Cell 2	No	Grape vine, Virginia creeper, honeysuckle	6/3/2015	June 2015 OSDF Inspection	53			
2425	East drainage at Cell 2, south end	No	Honeysuckle, virginia creeper	6/3/2015	June 2015 OSDF Inspection	54			
2460	Along west edge of road, south of VH 8	No	Callery pear	6/3/2015	June 2015 OSDF Inspection	NA			Finding not identified on map
2461	Across from VH 5	No	Honeysuckle	6/3/2015	June 2015 OSDF Inspection	NA			Finding not identified on map
2478	East toe of Cell 3 near Cell 2/3 boundary	No	Canada thistle	9/2/2015	September 2015 OSDF Inspection	14			
2479	East toe of Cell 3 near Cell 3/4 boundary	No	Canada thistle	9/2/2015	September 2015 OSDF Inspection	15			
2487	North drainage	No	Willow	9/3/2015	September 2015 OSDF Inspection	23			
2496	East perimeter fence at Cell 8	No	Hole under fence	9/3/2015	September 2015 OSDF Inspection	32			
2497	South drain	No	Cottonwood	9/3/2015	September 2015 OSDF Inspection	33			
2498	Field by south gate	No	Thistle	9/3/2015	September 2015 OSDF Inspection	34			
2499	Along south entrance road at west end of south drain	No	Honeysuckle	9/3/2015	September 2015 OSDF Inspection	35			
2501	West fence at Cell 8	No	Honeysuckle growing into fence	9/3/2015	September 2015 OSDF Inspection	37			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2502	West drain at Cell 8	No	Teasel	9/3/2015	September 2015 OSDF Inspection	38			
2516	Cell 6, west slope, north end	No	Thistle	12/2/2015	December 2015 OSDF Inspection	7	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/5/2016	5/5/2016	
2526	Cell 5, east slope, north end	No	Woody vegetation	12/2/2015	December 2015 OSDF Inspection	17	Cell 5 was burned on 3/29/2016; herbicide was applied on 5/11/2016	5/11/2016	
2527	Cell 4, east slope, north end	No	Woody vegetation	12/2/2015	December 2015 OSDF Inspection	18	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2533	Cell 6, west toe	No	Teasel	12/2/2015	December 2015 OSDF Inspection	24	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/5/2016	5/5/2016	
2534	Cell 6, west toe	No	Teasel	12/2/2015	December 2015 OSDF Inspection	25	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/5/2016	5/5/2016	
2539	Cell 6, east slope, near midpoint	No	Teasel	12/2/2015	December 2015 OSDF Inspection	30	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/12/2016	5/12/2016	
2540	Cell 5, east slope, south end	No	Teasel	12/2/2015	December 2015 OSDF Inspection	31	Cell 5 was burned on 3/29/2016; herbicide was applied on 5/11/2016	5/11/2016	
2541	Cell 4, east slope, near midpoint	No	Teasel	12/2/2015	December 2015 OSDF Inspection	32	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	6/6/2016	
2546	Cell 3, west slope, near toe	No	Teasel patches	12/2/2015	December 2015 OSDF Inspection	37			
2547	Cell 6, west slope, south end	No	Large amount of ground cover	12/2/2015	December 2015 OSDF Inspection	38	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/5/2016	5/5/2016	No flag
2553	Cell 4, east slope, near toe	No	Teasel	12/2/2015	December 2015 OSDF Inspection	44	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2554	Cell 4, east slope, near toe, north end	No	Honeysuckle	12/2/2015	December 2015 OSDF Inspection	45	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2556	Cell 3, east slope, near toe	No	Thistle and black matting	12/2/2015	December 2015 OSDF Inspection	47			
2561	Cell 8, east slope, in line with pond on east perimeter	No	Animal burrow	12/2/2015	December 2015 OSDF Inspection	52			Unable to locate finding
2572	Cell 5, east slope, near top, south end of cell	No	Large patch of teasel	12/2/2015	December 2015 OSDF Inspection	63	Cell 5 was burned on 3/29/2016; herbicide was applied on 5/11/2016	5/11/2016	
2573	Cell 3, west slope, near midpoint	No	Geotextile fabric	12/2/2015	December 2015 OSDF Inspection	64			
2575	Cell 8, west slope, north end	No	Animal burrow	12/2/2015	December 2015 OSDF Inspection	66			Unable to locate finding
2580	Cell 3, east slope	No	Clay tile (3" x 5")	12/2/2015	December 2015 OSDF Inspection	71			
2586	Cell 6, west slope, near top, south end	No	Teasel patch	12/2/2015	December 2015 OSDF Inspection	77	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2594	Cell 4, east slope, near top, near midpoint	No	Honeysuckle patch	12/2/2015	December 2015 OSDF Inspection	85	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2595	Cell 4, east slope, near top, north end	No	Woody vegetation - callery pear and honeysuckle	12/2/2015	December 2015 OSDF Inspection	86	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2605	Cell 4, west top	No	Pear tree	12/2/2015	December 2015 OSDF Inspection	96	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2606	Cell 4, west top	No	Pear tree	12/2/2015	December 2015 OSDF Inspection	97	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2607	Cell 4, west top	No	Pear tree	12/2/2015	December 2015 OSDF Inspection	98	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2608	Cell 5, west top, near midpoint	No	Pear tree	12/2/2015	December 2015 OSDF Inspection	99	Cell 5 was burned on 3/29/2016; herbicide was applied on 5/11/2016	5/12/2016	
2615	Cell 3, east slope	No	Erosion/burrow	12/2/2015	December 2015 OSDF Inspection	106			
2617	Cell 3, west slope, near toe, near midpoint	No	Musk and bull thistle patches	12/2/2015	December 2015 OSDF Inspection	108			
2619	Cell 4, west slope, near toe, near midpoint	No	Teasel	12/2/2015	December 2015 OSDF Inspection	110	Cell 4 was burned on 3/29/2016; herbicide was applied on 5/3/2016	5/3/2016	
2621	Cell 5, west slope, all along toe	No	Teasel	12/2/2015	December 2015 OSDF Inspection	112	Cell 5 was burned on 3/29/2016; herbicide was applied on 5/5/2016	5/5/2016	
2623	Cell 6, west slope, near toe, near midpoint	No	Teasel	12/2/2015	December 2015 OSDF Inspection	114	Cell 6 was burned on 3/29/2016; herbicide was applied on 5/6/2016	5/5/2016	
2624	Cell 8, west slope, near toe, across from VH8	No	Canada thistle	12/2/2015	December 2015 OSDF Inspection	115			
2627	East end of south laydown area	No	Teasel and thistle	12/2/2015	December 2015 OSDF Inspection	118			
2634	Cell 1, northeast corner drain	No	Canada thistle and teasel	12/2/2015	December 2015 OSDF Inspection	125			
2636	Cell 1, northwest corner drain	No	Teasel	12/2/2015	December 2015 OSDF Inspection	127			
2637	Cell 1, west drain, behind VH 1	No	Teasel	12/2/2015	December 2015 OSDF Inspection	128			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2638	Cell 2, west drain, next to fence	No	Unknown grass (invasive) and teasel	12/2/2015	December 2015 OSDF Inspection	129			
2639	Cell 3, west drain, next to fence	No	Teasel and cedar	12/2/2015	December 2015 OSDF Inspection	130			The woody vegetation was cut and herbicide applied on 12/10/2015, but the herbaceous vegetation was not treated
2642	Cell 5, west drain, behind VH 5	No	Teasel	12/2/2015	December 2015 OSDF Inspection	133			
2644	Cell 7, west drain, behind VH 7	No	Teasel	12/2/2015	December 2015 OSDF Inspection	135			
2646	Cell 8, west drain, southwest corner	No	Woody vegetation	12/2/2015	December 2015 OSDF Inspection	137	Area was mowed	5/27/2016	
2648	Cell 2, west slope, near midpoint	No	Thistle	12/2/2015	December 2015 OSDF Inspection	139			
2649	Cell 3, west slope, near midpoint	No	Large patch of thistle	12/2/2015	December 2015 OSDF Inspection	140			
2650	Cell 4, west slope, south end	No	Teasel patches	12/2/2015	December 2015 OSDF Inspection	141	Cell 4 was mowed on 3/29/2016; herbicide was applied on 5/6/2016	5/6/2016	
2651	Cell 7, west slope, north end, extending east/west along slope	No	Large thistle patch	12/2/2015	December 2015 OSDF Inspection	142			
2652	Cell 7, west slope, near midpoint	No	Large patch of teasel	12/2/2015	December 2015 OSDF Inspection	143			
2653	Cell 1, northeast corner drain, on riprap bank	No	Thistle	12/2/2015	December 2015 OSDF Inspection	144			
2654	Northwest corner of fenced in area	No	Hole in fence	12/8/2015	December 2015 quarterly field walkdown	1			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2655	East end of fenced in area	No	Corner brace of fence is down	12/8/2015	December 2015 quarterly field walkdown	2			
2656	Oxbow in stream (on bank?)	No	Green 5 gallon bucket	12/8/2015	December 2015 quarterly field walkdown	3			
2657	In lower field near Paddys Run	No	Old cages cutting into bark of trees; cages need to be removed	12/8/2015	December 2015 quarterly field walkdown	4			
2658	South field	No	Old cages	12/8/2015	December 2015 quarterly field walkdown	5			
2659	At base of hill on west side	No	Old cages	12/8/2015	December 2015 quarterly field walkdown	6			
2660	Deer fence next to Paddys Run Road	No	Hole in deer fence	12/8/2015	December 2015 quarterly field walkdown	7			
2661	Northwest corner of chestnut plot fence	No	Damage to fence	12/8/2015	December 2015 quarterly field walkdown	8			
2662	North of chestnut plot	No	Snow fence around well is down	12/8/2015	December 2015 quarterly field walkdown	9			
2663	North end of deer fence	No	Hole in fence	12/8/2015	December 2015 quarterly field walkdown	10			
2664	East side of deer fence	No	Hole in fence	12/8/2015	December 2015 quarterly field walkdown	11			
2665	East side of deer fence	No	Hole in fence	12/8/2015	December 2015 quarterly field walkdown	12			
2666	East side of deer fence	No	Hole in fence	12/8/2015	December 2015 quarterly field walkdown	13			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2667	Along west side of the Converted Advanced Waste Water Treatment Facility (CAWWT) fence line	No	Tree within three feet of the fence line	12/10/2015	December 2015 point-specific institutional controls inspection	NA			
2670	East edge of waste pit area	No	Widespread teasel	1/28/2016	January 2016 quarterly field walkdown	3	Herbicide applied	4/25/2016	
2671	East edge of waste pit area	No	Widespread teasel	1/28/2016	January 2016 quarterly field walkdown	4	Herbicide applied	4/25/2016	
2672	Along drainage north of Bio-wetland	No	Widespread teasel	1/28/2016	January 2016 quarterly field walkdown	5	Herbicide applied	4/20/2016	
2673	South of east/west drainage	No	Widespread teasel	1/28/2016	January 2016 quarterly field walkdown	6			
2674	West of small pond, along drain	No	Concrete, multiple pieces	1/28/2016	January 2016 quarterly field walkdown	7			Flag labeled "LM 1/28/16"
2675	Northwest of "serpent" wetland	No	Disturbed soil with gravel	1/28/2016	January 2016 quarterly field walkdown	8			
2684	North of road	No	Glazed tile	1/28/2016	January 2016 quarterly field walkdown	NA			Finding not identified on map
2685	East of CAWWT	No	Teasel	1/28/2016	January 2016 quarterly field walkdown	NA			Finding not identified on map
2686	Paddys Run Streambank Stabilization Project access road	No	Minor erosion rill	1/28/2016	January 2016 quarterly field walkdown	16			
2688	3B south, east of Skillet Pond	No	T-posts need removed	1/28/2016	January 2016 quarterly field walkdown	18			
2693	Waste pit/pond drain	No	No ropes on on t-posts marking boundary of erosion area	1/28/2016	January 2016 quarterly field walkdown	23			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2694	Waste pit/pond drain	No	Posts are down in drain	1/28/2016	January 2016 quarterly field walkdown	24			
2695	Pit 3	No	Posts and wire fence need removed (tree cages)	1/28/2016	January 2016 quarterly field walkdown	25			
2700	Knoll west of MDC	No	Musk thistle	1/28/2016	January 2016 quarterly field walkdown	30	Area was mowed	6/8/2016	
2701	North edge of water, northwest of island	No	Phragmites	2/23/2016	February 2016 quarterly field walkdown	1			
2702	West side of deer fence north of "dance hall" building	No	Hole in the deer fence	2/23/2016	February 2016 quarterly field walkdown	2			
2704	Northwest side of deer fence north of substation	No	Top of deer fence is low	2/23/2016	February 2016 quarterly field walkdown	4			
2705	South side of deer fence north of substation (west end)	No	Hole in deer fence	2/23/2016	February 2016 quarterly field walkdown	5			
2706	South side of deer fence north of substation	No	Gate to deer fence was open	2/23/2016	February 2016 quarterly field walkdown	6			
2707	East side of deer fence north of "dance hall"	No	Hole in fence	2/23/2016	February 2016 quarterly field walkdown	7			
2710	In the pines, just east of the east branch of the Shingle Oak Trail	No	Old cages need removed	2/23/2016	February 2016 quarterly field walkdown	10			
2712	Slope east of drainage that flows north from off site	No	Old deer cages need removed	2/23/2016	February 2016 quarterly field walkdown	12			
2713	West edge of west branch of Shingle Oak Trail at prairie pocket	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	13			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2714	East edge of prairie strip north of boardwalk	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	14			
2715	Southern Waste Units (SWU) - west end of concrete slab wall	No	Concrete	2/23/2016	February 2016 quarterly field walkdown	15			
2716	In creek bottom	No	Sand bags	2/23/2016	February 2016 quarterly field walkdown	16			
2718	Hillside east of Paddys Run	No	Blacktop/concrete	2/23/2016	February 2016 quarterly field walkdown	18			
2719	Pilot plant drainage ditch	No	Cinder blocks/concrete	2/23/2016	February 2016 quarterly field walkdown	19			
2720	Toward creek from bench	No	Rusted metal object	2/23/2016	February 2016 quarterly field walkdown	20			
2721	Deer fence north of substation	No	Deer fence sagging in two locations	2/23/2016	February 2016 quarterly field walkdown	21			
2722	South side of deer fence north of the "dance hall"	No	Gate was open	2/23/2016	February 2016 quarterly field walkdown	22			
2723	In erosion ditch on the east edge of prairie south of Storm Water Retention Basin and west of Storm Sewer Outfall Ditch	No	Acid brick/concrete	2/23/2016	February 2016 quarterly field walkdown	23			
2724	In drainage just south of where it leaves Storm Water Retention Basin	No	Vac hose/debris	2/23/2016	February 2016 quarterly field walkdown	24			
2725	West side of silos ponds	No	Teasel across area	2/23/2016	February 2016 quarterly field walkdown	25			
2726	Woodlot between pines and Sycamore Trail	No	T-posts and cages down	2/23/2016	February 2016 quarterly field walkdown	26			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2727	Above concrete slab wall	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	27			
2728	SWU - south of wall, north of trail	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	28			
2729	SWU - south edge of trail	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	29			
2730	SWU - inside trail loop	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	30			
2731	SWU - inside trail loop, south side of basin	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	31			
2732	Northwest of substation	No	Teasel	2/23/2016	February 2016 quarterly field walkdown	32			
2733	South of gravel road, west of Sycamore trail, north of deer fence	No	Black plastic liner material	2/23/2016	February 2016 quarterly field walkdown	33			
2734	Bottom of basin, southwest of W4	No	Old cages	3/2/2016	March 2016 quarterly field walkdown	1	Removed staged deer cages	5/4/2016	
2735	North of the pines just east of north access road	No	Old cages	3/2/2016	March 2016 quarterly field walkdown	2			
2736	East of pond north of former Dissolved Oxygen Building	No	Concrete	3/2/2016	March 2016 quarterly field walkdown	3			
2737	Between ponds, along swale	No	Old cages and t-posts	3/2/2016	March 2016 quarterly field walkdown	4	Removed staged deer cages	5/4/2016	
2739	Berm between Basins 1 and 5	No	Trash/plastic	3/2/2016	March 2016 quarterly field walkdown	6			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2740	Southwest corner of deer fence just south of shed	No	Hole in fence	3/2/2016	March 2016 quarterly field walkdown	7			
2741	Bottom of east hillside	No	Matting	3/2/2016	March 2016 quarterly field walkdown	8	Removed matting	5/4/2016	
2742	West of tower	No	Pile of cages	3/2/2016	March 2016 quarterly field walkdown	9	Removed staged deer cages	5/4/2016	
2743	Between swale and pond	No	Rebar sticking up about 1 foot out of ground	3/2/2016	March 2016 quarterly field walkdown	10			
2744	Cell 7, east toe	No	Woody vegetation	3/2/2016	March 2016 OSDF Inspection	1			
2745	Cell 3/4 boundary along fence	No	Cedar	3/2/2016	March 2016 OSDF Inspection	2			
2746	East drain at Cell 3, along fence	No	Woody vegetation	3/2/2016	March 2016 OSDF Inspection	3			
2747	East drain at Cell 3 along fence	No	Trash	3/2/2016	March 2016 OSDF Inspection	4			
2748	At fence behind Valve House (VH) 3	No	Concrete	3/2/2016	March 2016 OSDF Inspection	5			
2749	At fence between VH 3 and 4	No	Cedar	3/2/2016	March 2016 OSDF Inspection	6			
2750	At fence	No	Cedar	3/2/2016	March 2016 OSDF Inspection	7			
2751	East drain at fence	No	Cedar	3/2/2016	March 2016 OSDF Inspection	8			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2752	Between two small ponds east of the Lodge Pond	No	Stack of cages	3/2/2016	March 2016 quarterly field walkdown	11	Removed staged deer cages	5/4/2016	
2753	On south edge of former railroad bed	No	Metal bands	2/10/2015	February 2015 quarterly field walkdown	28			
2766	Lodge Pond Trail	No	Trail needs mowed; pine limbs on trail	4/11/2016	Weekly Trail Inspection	NA	Trail was mowed; branches were removed	4/22/2016	
2768	Hickory Trail	No	Water flowing over trail at emergency spillway and erosion cutting into bank	12/28/2015	Weekly Trail Inspection	NA			
2769	Weapons to Wetland trail	No	Standing and flowing water on trail	12/22/2015	Weekly Trail Inspection	NA			
2770	North drainage	No	Woody vegetation throughout the length of the north drainage	6/1/2016	June 2016 OSDF Inspection	1			To reduce finding identification "congestion" on the map, several findings were grouped together into one identification
2771	East drainage	No	Woody vegetation throughout the length of the east drainage	6/1/2016	June 2016 OSDF Inspection	2			To reduce finding identification "congestion" on the map, several findings were grouped together into one identification
2772	South drainage	No	Woody vegetation throughout the length of the south drainage	6/1/2016	June 2016 OSDF Inspection	3			To reduce finding identification "congestion" on the map, several findings were grouped together into one identification
2773	West drainage	No	Woody vegetation throughout the length of the west drainage	6/1/2016	June 2016 OSDF Inspection	4			To reduce finding identification "congestion" on the map, several findings were grouped together into one identification
2774	Cell 1/2 boundary, east drainage in riprap	No	Teasel patch growing in riprap	6/1/2016	June 2016 OSDF Inspection	5			
2775	Cell 8, on west edge of road at southwest corner	No	Teasel patch growing in riprap	6/1/2016	June 2016 OSDF Inspection	6			
2776	Cell 1, east fenceline	No	Animal burrow under the fence	6/1/2016	June 2016 OSDF Inspection	7			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2777	Southeast corner in riprap along fenceline	No	Crown vetch	6/1/2016	June 2016 OSDF Inspection	8			
2778	Cell 1, north toe	No	Multiflora rose	6/1/2016	June 2016 OSDF Inspection	9			
2779	Cell 3, east toe	No	Callery pear	6/1/2016	June 2016 OSDF Inspection	10			
2780	Cell 3, east toe	No	Callery pear	6/1/2016	June 2016 OSDF Inspection	11			
2781	Cell 4, east toe	No	Callery pear	6/1/2016	June 2016 OSDF Inspection	12			
2782	Cell 7, east toe	No	Honeysuckle (3)	6/1/2016	June 2016 OSDF Inspection	13			
2783	Cell 7, east toe	No	Honeysuckle	6/1/2016	June 2016 OSDF Inspection	14			
2784	Cell 7, east toe	No	Honeysuckle	6/1/2016	June 2016 OSDF Inspection	15			
2785	Cell 8, east toe	No	Honeysuckle	6/1/2016	June 2016 OSDF Inspection	16			
2786	Cell 8, east toe	No	Thistle and honeysuckle	6/1/2016	June 2016 OSDF Inspection	17			
2787	Cell 8, east toe	No	Hackberry and honeysuckle	6/1/2016	June 2016 OSDF Inspection	18			
2788	Cell 8, west toe	No	Cedar tree in riprap	6/1/2016	June 2016 OSDF Inspection	19			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2789	Cell 8, in riprap near valve house	No	Various woody vegetation in riprap	6/1/2016	June 2016 OSDF Inspection	20			
2790	Cell 7, west toe	No	Various woody vegetation in riprap	6/1/2016	June 2016 OSDF Inspection	21			
2791	Cell 7, west toe	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	22			
2792	Cell 6, west toe in riprap	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	23			
2793	Cell 4, west toe	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	24			
2794	Cell 3, west toe	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	25			
2795	Cell 3, west toe	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	26			
2796	Cell 1/2 boundary, west toe	No	Woody vegetation	6/1/2016	June 2016 OSDF Inspection	27			
2797	South perimeter of Fernald Preserve	No	Perimeter signs S4, S5, S6 and S7 need to have branches and brush trimmed away	6/1/2016	June 2016 point-specific institutional controls inspection	NA	Vegetation was cleared away from in front of perimeter signs	6/17/2016	
2798	West perimeter of Fernald Preserve	No	Perimeter sign S14 not located; completely overgrown and needs vegetation cut away	6/2/2016	June 2016 point-specific institutional controls inspection	NA	Vegetation was cleared away from in front of perimeter sign	6/20/2016	
2799	West perimeter of Fernald Preserve	No	Perimeter signs S17, S23, and S34 need branches and brush cut away	6/1/2016	June 2016 point-specific institutional controls inspection	NA	Vegetation was cleared away from in front of perimeter signs	6/20/2016	
2800	North perimeter of Fernald Preserve	No	Perimeter sign S41 appears to have been hit by a vehicle and is leaning	6/2/2016	June 2016 point-specific institutional controls inspection	NA	Perimeter sign S41 was corrected to up-right	6/17/2016	

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of Resolution	Comments
2801	North perimeter of Fernald Preserve	No	Perimeter sign S46 needs branches and brush cut away	6/2/2016	June 2016 point-specific institutional controls inspection	NA			