

Department of Energy

Washington, DC 20585

July 11, 2012

Mr. Timothy Fischer
U.S. Environmental Protection Agency
Region V-SRF-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. Fischer and Mr. Schneider:

SUBJECT: Transmittal of the June 2012 Fernald Preserve On-Site Disposal Facility Inspection Forms

The purpose of this letter is to transmit the completed forms for the June 2012 inspection of the On-Site Disposal Facility (OSDF). The inspection was conducted on June 12, 2012. Photographs of the OSDF and the surrounding area were taken to accompany the inspection and are included with this report. The inspection was conducted by Stoller, the Ohio Department of Health, and the Ohio Environmental Protection Agency.

The *Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan* (LMICP) describes the inspection process. The June 2012 inspection included a walk of the toe, drainages and fence line.

Individuals recorded their findings on the Fernald Preserve OSDF Walk-down Inspection form and indicated the locations of those findings on a map of the OSDF. A consolidated form and map is included with this report. Most findings were related to vegetation, including the presence of woody vegetation. Some standing water and wetland vegetation continued to be observed at several locations along the western inner drainage. Site personnel will evaluate the need for further action regarding this. No major changes were observed in the status of erosion along the toe of the slope or the fence line. Items that require maintenance are entered on and tracked using the enclosed Fernald Preserve Maintenance and Repair Action Items form. Items on the list are shaded once they are completed. Previously reported items are removed from the list. Resolution of older findings can be found on previous quarterly inspection reports.

On June 26, 2012, a hole was discovered on the east perimeter fence, across from Cell Cap 5. The hole is approximately 4 feet long and appeared to be cut. Vegetation was trampled from the fence to the road, as deer have been using the hole for access. Following initial notifications and the filing of a police report, a contingency inspection was initiated pursuant to Section 7.3 of the *Post Closure Care and Inspection Plan* (LMICP Volume II, Attachment B). DOE conducted a



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Mr. Thomas Schneider
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walkdown of the OSDF cap to ensure that the integrity of the cap was not compromised. In addition, site personnel inspected the OSDF leachate valve houses and infrastructure. There were no other signs of vandalism or tampering within the OSDF area. The fence was temporarily repaired and site security personnel were instructed to increase patrols along the eastern portion of the site. In accordance with the *Post Closure Care and Inspection Plan*, a contingency inspection report will be submitted to the regulators by August 24, 2012.

The next OSDF cell cap inspection is scheduled for September 2012 and will include an inspection of the toe, drainages, fence line, and any items of special interest or concern.

If you have any questions or require additional information, please call me at (513) 648-3148. Please send any correspondence to:

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

Sincerely,



Jane Powell
Fernald Preserve Site Manager
DOE-LM-20.2

Enclosure

cc w/enclosure:

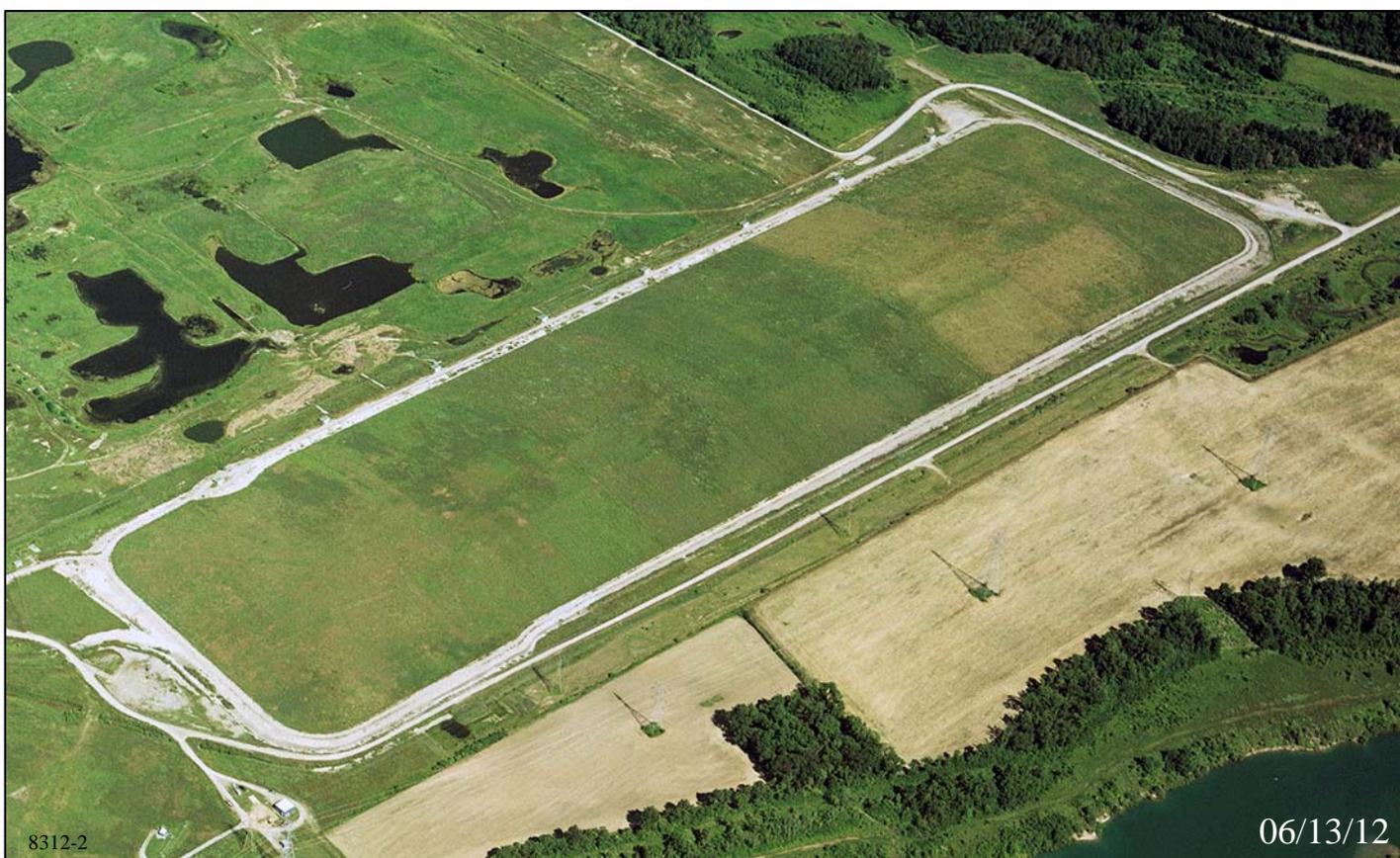
M. Murphy, USEPA-V, A-18J
T. Schneider, OEPA (three copies of enclosure)
Project Record File FER 115.02.05(A) (thru W. Sumner)
Administrative Records (thru W. Sumner)

cc w/o enclosure:
(electronic)

G. Hooten, DOE
T. Pauling, DOE
K. Reed, DOE
B. Hertel, Stoller
J. Homer, Stoller
L. McHenry, Stoller

On-Site Disposal Facility Inspection Report

June 2012



U.S. DEPARTMENT OF
ENERGY

Legacy
Management



East Face Cell 1



West Face Cell 1



North Face Cell 1



North Drainage (looking west)



6319D-6052

East Face Cell 2



6319D-6073

West Face Cell 2



East Face Cell 3



West Face Cell 3



East Face Cell 4



West Face Cell 4



East Face Cell 5



West Face Cell 5



East Face Cell 6



West Face Cell 6



6319D-6058

East Face Cell 7



6319D-6066

West Face Cell 7



6319D-6060

East Face Cell 8



6319D-6063

West Face Cell 8



South Face Cell 8



South Drainage (looking west)



6319D-6059

East Drainage Cell 7 (looking south)



6319D-6054

East Drainage Cell 4 (looking south)



East Drainage Cell 1 (looking south)



West Inner Drainage Cell 7 (looking south)



6319D-6071

West Inner Drainage Cell 4 (looking south)



6319D-6047

West Inner Drainage Cell 1 (looking south)



West Outer Drainage Cell 1 (looking south)



West Outer Drainage Cell 8 (looking south)



West Outer Drainage Cell 8 (looking north)

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Fernald Preserve OSDF Walkdown Inspection

Date 6-12-2012 Inspector SM Stoller, ODH, Ohio EPA Cell Cap/Area Toe, drainage, fence line

No.	Location (Use Map Whenever Possible)	GPS ?	Type of Finding					Description	Photo? (File No.)	Follow Up	
			Erosion	Settlement	Vegetation	Biointrusion	Drainage			Other	Corrected
ED1	Drainage east cell 7				X			Multiple woody vegetation		X	
ED2	Riprap toe west cell 6				X			Grapevine in riprap			X
LH1	North toe				X			Sycamore and willow			X
LH2	North toe				X			Ash and grapevine			X
LH3	Drainage east cell 8				X			Woody shrub		X	
LH4	Drainage southeast cell 8				X			Woody vegetation		X	
LH5	Southwest corner cell 8				X			Sycamore and box elder		X	
LH6	Drainage west cell 8				X			Cottonwood			X
LH7	Drainage west cell 8				X			Willow			X
BL1	Drainage east cell 2 (north)				X			Woody vegetation			X
BL2	Drainage east cell 2				X			Red cedar			X
BL3	East cell 2 (south 6:1)				X			Grapevine			X
BL4	(NO LOCATION PROVIDED)				X			Woody vegetation (elder)		X	
BL5	Drainage west cell 6 (north)				X			Woody vegetation (pear)		X	
JH1	North drainage (northwest)				X			Woody vegetation			X
JH2	North drainage				X			Grape vine			X
JH3	Northeast corner cell 1 cap				X			Woody vegetation		X	
JH4	West toe at VH6						X	Standing water (follow up to LH3 from March 2012)			X
JH5	West toe cell 6						X	Wetland vegetation			X
JH6	West toe south of VH4						X	Standing water			X
LM1	North drainage (north east)				X			Teasel			X
LM2	East drainage cell 1/2 boundary				X			Honeysuckle			X
LM3	East drainage cell 2				X			Teasel and grapevine			X
HS1	North of northwest gate				X			Honeysuckle			X
HS2	North of northwest gate				X			Pear/elms			X
HS3	North of northwest gate				X			Ash tree/elms			X
HS4	North drain (northwest corner)				X			Honeysuckle			X
HS5	North drain (northwest corner)				X			Ash tree			X
HS6	North drain (northwest corner)				X			Ash and willows			X
HS7	North drain (northwest rocks)				X			Honeysuckle			X
HS8	North fence						X	Sign down		X	
HS9	North drainage				X			Sycamore, elm, cottonwood, willow			X
HS10	North drainage		X				X	Bare spot			X
HS11	North fence gate				X			Teasel and thistle			X
HS12	Northeast corner fence						X	T-post at base of fence		X	

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Fernald Preserve OSDF Walkdown Inspection (continued)

Date 6-12-2012 Inspector SM Stoller, ODH, Ohio EPA Cell Cap/Area Toe, drainage, fenceline

No.	Location (Use Map Whenever Possible)	GPS ?	Type of Finding					Description	Photo? (File No.)	Follow Up		
			Erosion	Settlement	Vegetation	Biointrusion	Drainage			Other	Corrected	Maintenance Req'd
HS13	Northeast corner drainage				X			Cottonwoods, ash, pear		X		
HS14	East drain, north end of cell 2		X					Erosion			X	
HS15	East drain, north end of cell 5				X			Pear		X		
HS16	East drain, cell 5/6 boundary				X			Honeysuckle		X		
HS17	East drain, cell 6 fence line				X			Pear		X		
HS18	East drain, cell 6 fence line				X			Honeysuckle		X		
HS19	East drain, cell 6 fence line				X			Musk thistle		X		
HS20	East drain, cell 6 fence line				X			Bull thistle		X		
HS21	East drain, cell 6 fence line				X			Elm		X		
HS22	East drain, cell 7/8 fence line				X			Willows, cottonwood, teasel	X			
HS23	East drain, cell 7/8 fence line						X	Debris, concrete	X			
HS24	East drain, cell 8 fence line				X			Honeysuckle	X			
HS25	East drain, cell 8 fence line				X			Box elder	X			
HS26	Drainage, southeast corner fence				X			Honeysuckle, hackberry	X			
HS27	Drainage, southeast corner fence				X			Honeysuckle, Canada thistle, teasel	X			
HS28	South drainage				X			Honeysuckle	X			
HS29	South vegetated area east of gate				X			Honeysuckle	X			
HS30	South drainage				X			Canada thistle	X			
HS31	Southwest corner fence				X			Woody sprouts on both sides of drainage	X			
HS32	West drain, cell 8				X			Willows, trumpet creeper		X		
HS33	West fence line behind VH7				X			Poison ivy		X		
HS34	West drain, north end cell 6				X			Willows and honeysuckle at culvert		X		
HS35	West drain, mid cell 5				X			Honeysuckle		X		
HS36	West drain, north end cell 5				X			Musk thistle		X		
HS37	West drain, cell 4				X			Willows		X		
HS38	West drain, cell 3				X			Willow, cottonwood, honeysuckle		X		
HS39	West drain, cell 2				X			Willow, Virginia creeper, honeysuckle		X		
HS40	West drain, cell 1				X			Honeysuckle, multiflora, ash		X		

Additional Notes

EP = East perimeter; SP = South perimeter; SWP = Southwest perimeter; WP = West perimeter; NP = North perimeter; NEP = Northeast perimeter

LH: deer tracks, lots of cattails, 2 deer, standing water and cattails and sedges remain in several areas along east cell 6 and 7, also many cattails in west toe.

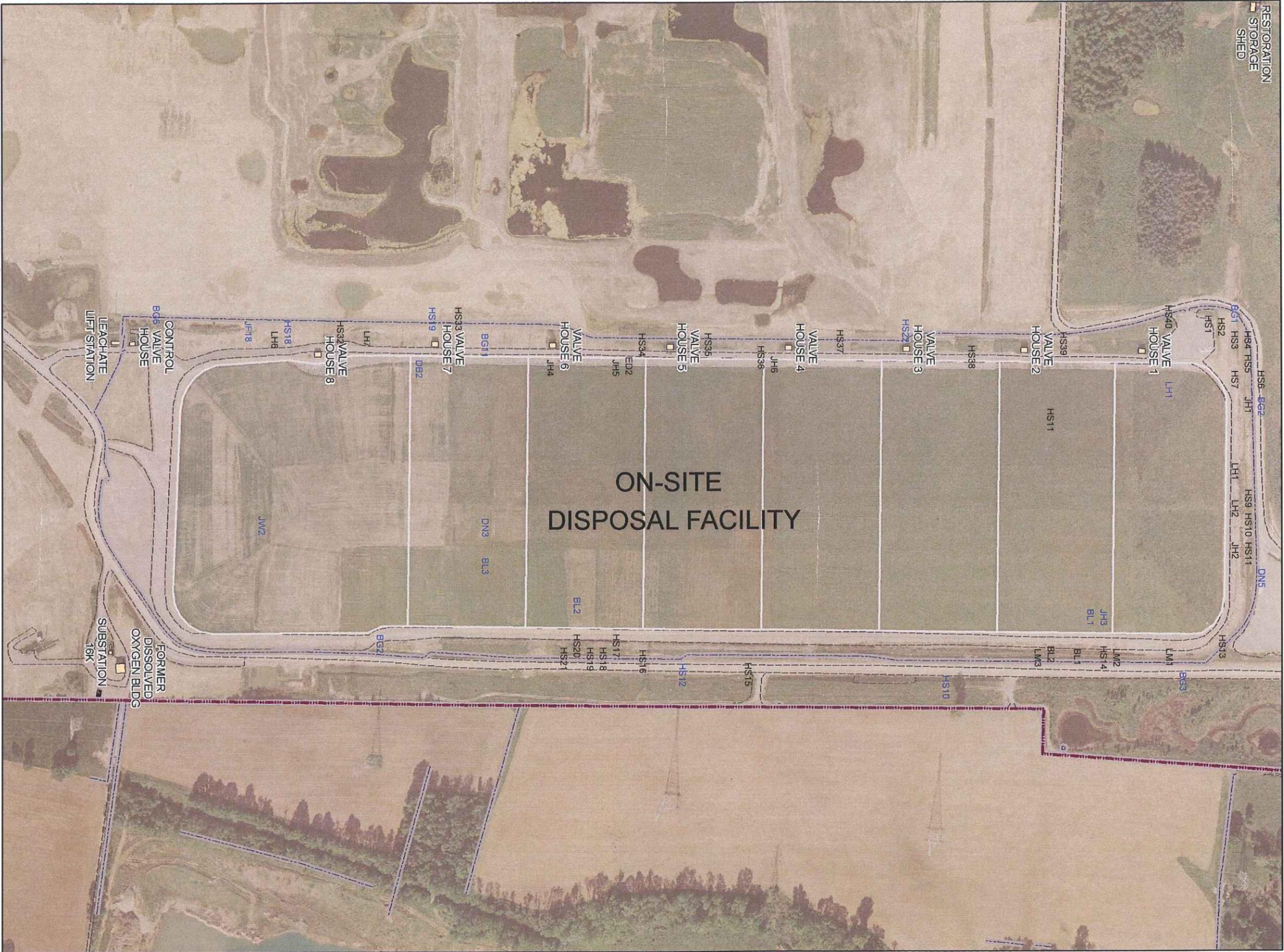
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Fernald Preserve OSDF Walkdown Inspection (continued)

Date 6-12-2012 Inspector SM Stoller, ODH, Ohio EPA Cell Cap/Area Toe, drainage, fenceline

BL: Grapevine on east cell cap between 1 and 2.

LM: Woody vegetation in the drainage (north and east) needs addressed.



- Legend**
- Building
 - Fernald Preserve Boundary
 - Fence

- OSDF Final Cover Outline
- Road-Paved
- Road-gravel

**Fernald Preserve
OSDF (On-Site Disposal Facility)**

June 2012 Inspection Findings
Previous Findings Requiring
Maintenance or Follow-up



FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

JULY 2012 UPDATE

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
757	Former silos area	No	Wide erosion, partially vegetated	6/9/2009	June 2009 quarterly field walkdown	57			
772	North of active flyash	No	erosion	6/9/2009	June 2009 quarterly field walkdown	78	No action necessary	6/14/2012	Addressed during NRT walkdown follow-up. Some willow cutting survival, plus additional woody vegetation has been established.
817	Access V3	No	Move back/widen gate	10/1/2009	Casual observation	na			
818	Access V3A	No	Move back/widen gate	10/1/2009	Casual observation	na			
819	Access V4	No	Move back/widen gate	10/1/2009	Casual observation	na			
846	A8P11 Parking lot	No	U-post at entrance needs removed	12/14/2009	December 2009 quarterly field walkdown	1			
856	Duke Energy substation	No	Honeysuckle all along bank east of Duke Energy substation	12/14/2009	December 2009 quarterly field walkdown	11			
857	Field north of Duke Energy substation on Paddys Run Road	No	Northwest corner of deer fence is damaged	12/14/2009	December 2009 quarterly field walkdown	12			
859	A6P1/North woodlot	No	North and west side of deer fence damaged by downed trees and branches	12/14/2009	December 2009 quarterly field walkdown	14	No action necessary	June-12	Fence is slated for removal
860	A8P11-North	No	North deer fence needs repair at south end	12/14/2009	December 2009 quarterly field walkdown	15			
862	Field at Rainbow bridge	No	Honeysuckle	12/14/2009	December 2009 quarterly field walkdown	17			
869	A8P11	No	Wooden post	12/14/2009	December 2009 quarterly field walkdown	24			
875	A8P11-North	No	Deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	30			
876	A8P11-North	No	Deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	31			
877	A8P11-North	No	South fence - deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	32			
940	East end of drain north of Angel Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	22			
943	East bank of drainage	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	25			
973	South field drainage	No	Bog stem bullrush	6/2/2010	June 2010 quarterly field walkdown	6			
974	South of Sycamore trail south of the Shingle Oak	No	Downed tree cage	6/2/2010	June 2010 quarterly field walkdown	7			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
975	North of deer fence in SWU, west of trail	No	Black pipe	6/2/2010	June 2010 quarterly field walkdown	8			
976	North of south pines deer fence near access road	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	9			
981	Hillside north of SWU	No	Erosion	6/2/2010	June 2010 quarterly field walkdown	13	No action necessary	June-12	Vegetation has been established and soil is relatively stable.
984	North of former inactive flyash pile (slope of SWU)	No	Debris – asphalt	6/2/2010	June 2010 quarterly field walkdown	16			
986	Near "salamander habitat"	No	Erosion	6/2/2010	June 2010 quarterly field walkdown	18			
989	North of silo ponds	No	Patchy vegetation	6/2/2010	June 2010 quarterly field walkdown	21			
992	Paddys Run – silos riprap	No	Reed canary grass	6/2/2010	June 2010 quarterly field walkdown	24			
994	SWU floodplain	No	Old cage needs removed	6/2/2010	June 2010 quarterly field walkdown	26			
996	SWRB southwest corner	No	Thistle patch	6/2/2010	June 2010 quarterly field walkdown	28			
999	Northeast of north silo pond	No	Erosion	6/2/2010	June 2010 quarterly field walkdown	31			
1002	South of Visitors Center parking lot in woods	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	34			
1004	Southeast of arsenic hot spot	No	Multiflora rose	6/2/2010	June 2010 quarterly field walkdown	36			
1006	South pines north of Sycamore trail	No	Honeysuckle all over	6/2/2010	June 2010 quarterly field walkdown	38			
1010	South pines along access road	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	42			
1011	East of south pines, south of access road	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	43			
1012	East edge of south pines deer fence	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	44			
1013	South side of south pines deer fence	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	45			
1020	Southeast of dance hall	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	52			
1022	Drainage west of northern most well in south field	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	54			
1085	East perimeter fence at south half of cell 4	No	Erosion is occurring around the concrete of several perimeter fence posts.	9/1/2010	September 2010 OSDF Inspection	JF25	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1091	Lodge pond basin – center	No	Invasive Schoenoplectus	9/8/2010	September 2010 quarterly field walkdown	2			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1100	Lodge pond basin – northeast	No	Bare area	9/8/2010	September 2010 quarterly field walkdown	11			
1101	Lodge pond basin – northeast	No	Erosion	9/8/2010	September 2010 quarterly field walkdown	12			
1105	NE of lodge pond basin near property line	No	Bare area	9/8/2010	September 2010 quarterly field walkdown	16			
1106	Near well across from OSDF mowed path	No	Thistle	9/8/2010	September 2010 quarterly field walkdown	17			
1116	Basin across from triangle	No	Honeysuckle, pear, crown vetch	9/8/2010	September 2010 quarterly field walkdown	28			
1117	Basin across from triangle	No	Honeysuckle, pear, crown vetch	9/8/2010	September 2010 quarterly field walkdown	29			
1118	Basin across from triangle	No	Pear, Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	30			
1135	Pines near access road	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	48			
1136	North pines	No	Multiflora rose	9/8/2010	September 2010 quarterly field walkdown	49			
1139	North pines along access rd.	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	53			
1144	Interior vehicle access VR		Attachment broken	9/7/2010	September 2010 point-specific IC inspection	na			Temporarily repaired
1147	A8P111-N, south deer fence	no	North side of fence down	12/6/2010	December 2010 quarterly field walkdown	3			
1148	A8P111-N, south deer fence	no	East gate open	12/6/2010	December 2010 quarterly field walkdown	4			
1149	A8P111-N, south deer fence	no	South end of fence down	12/6/2010	December 2010 quarterly field walkdown	5			
1150	A8P111-N, south deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	6			
1151	A8P111-N, south deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	7			
1152	A8P111-N, north deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	8			
1154	A8P111, south deer fence	no	Southwest corner down	12/6/2010	December 2010 quarterly field walkdown	10			
1157	A8P111-N, north deer fence	no	East side has holes and the fence is slipping down poles	12/6/2010	December 2010 quarterly field walkdown	13			
1158	A6P1 deer fence	no	West end fence is down	12/6/2010	December 2010 quarterly field walkdown	14	No action necessary	June-12	Fence is slated for removal
1159	A6P1 deer fence	no	Tree on fence on north side	12/6/2010	December 2010 quarterly field walkdown	15	No action necessary	June-12	Fence is slated for removal

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1160	A6PI deer fence	no	Hole in north side	12/6/2010	December 2010 quarterly field walkdown	16	No action necessary	June-12	Fence is slated for removal
1191	WP Cell 8	no	Erosion greater than one foot. Grass is growing in erosion rill stopping progression of erosion. Be careful if repaired – buried pipe! (Previous inspection JF12)	12/7/2010	December 2010 OSDF Inspection	JF18			
1193	EP Cell 4	no	Erosion is occurring around the concrete of several perimeter fence posts. Even with the erosion, the posts remain relatively solid. (Previous inspection item JF25)	12/7/2010	December 2010 OSDF Inspection	JF21	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1211	Cell 5/6, east toe	No	Broken survey marker	3/8/2011	March 2011 OSDF Inspection	JC1			
1218	Berm south of VC Parking	No	Crown Vetch	6/1/2011	June 2011 quarterly field walkdown	3			
1219	South Pines deer fence (east)	No	Fence is sagging	6/1/2011	June 2011 quarterly field walkdown	4			
1220	SWU east fence	No	South side down	6/1/2011	June 2011 quarterly field walkdown	6			
1222	Radium hot spot	No	Deer fence south gate broken	6/1/2011	June 2011 quarterly field walkdown	9			
1223	SWU – deer fence east of trail	No	Deer fence top is down	6/1/2011	June 2011 quarterly field walkdown	10			
1225	West of Lodge Pond overlook	No	Deer fence sagging	6/1/2011	June 2011 quarterly field walkdown	14			
1228	SWU east of trail	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	17			
1229	SWU by well east of trail	No	Erosion	6/1/2011	June 2011 quarterly field walkdown	18			
1230	SWU east of deer fence	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	19			
1231	SWU deer fence east of road	No	Teasel, thistle, crown vetch	6/1/2011	June 2011 quarterly field walkdown	21			
1232	West of SSOD	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	22			
1233	West of SSOD	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	23			
1234	Radium hot spot deer fence	No	Fence/door low	6/1/2011	June 2011 quarterly field walkdown	24			
1236	South of VC parking lot	No	Thistle	6/1/2011	June 2011 quarterly field walkdown	26			
1237	SWU at top of hill	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	27			
1240	South field	No	Dense poison ivy	6/1/2011	June 2011 quarterly field walkdown	30			
1241	SWU deer fence (east)	No	Door broken	6/1/2011	June 2011 quarterly field walkdown	31			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1242	Eco Park	No	Broken spring (does not affect barricade)	6/2/2011	June 2011 point-specific IC inspection	na			
1243	Perimeter Sign S45	No	Shrub has overgrown sign	6/2/2011	June 2011 point-specific IC inspection	na			
1246	Access Gate VU	No	Broken spring (does not affect barricade)	6/2/2011	June 2011 point-specific IC inspection	na			
1276	Cell 7, east top	No	Rock	6/14/2011	June 2011 OSDF Inspection	DN3			
1278	North fence (e)	No	Fence damaged	6/14/2011	June 2011 OSDF Inspection	DN5			
1282	West of VH 7	No	Old leachate line unreadable	6/14/2011	June 2011 OSDF Inspection	DN13			
1283	West fence	No	Suggest mowing along fence	6/14/2011	June 2011 OSDF Inspection	DN14			
1285	East fence, east field	No	Honeysuckle along fence	9/7/2011	September 2011 Site Inspection	1			
1286	North pines, fence east of shed	No	Tree down on deer fence	9/7/2011	September 2011 Site Inspection	2			
1287	North pines, fence east of shed	No	Tree down on deer fence	9/7/2011	September 2011 Site Inspection	3			
1288	Lodge pond basin - south	No	Downed cages	9/7/2011	September 2011 Site Inspection	4			
1289	Lodge pond basin	No	Thistle	9/7/2011	September 2011 Site Inspection	5			
1290	Lodge pond basin - SE	No	Downed cages	9/7/2011	September 2011 Site Inspection	6			
1291	North pines	No	Honeysuckle along woodline	9/7/2011	September 2011 Site Inspection	10			
1292	Lodge pond - west	No	Olive species	9/7/2011	September 2011 Site Inspection	11			
1293	East perimeter	No	Scattered pear	9/7/2011	September 2011 Site Inspection	14			
1294	Lodge pond basin	No	Callery pear	9/7/2011	September 2011 Site Inspection	15			
1295	Perimeter Sign S6	No	View of sign is blocked by pear tree	9/8/2011	September 2011 point-specific IC inspection	na			
1296	OSDF fencing	No	Erosion at post bases, gaps and burrows at various locations	9/8/2011	September 2011 point-specific IC inspection	na			
1297	Interior Authorized Vehicle Access VU	No	Broken spring (does not affect barricade)	9/8/2011	September 2011 point-specific IC inspection	na			
1298	Restoration storage shed	No	Bottom of corner trim lost bolt.	9/8/2011	September 2011 point-specific IC inspection	na			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1304	East Cell 2, 6:1	No	Johnson grass	9/13/2011	September 2011 OSDF Inspection	BL1			
1305	East Cell 6, 6:1	No	12' x 4' bare area	9/13/2011	September 2011 OSDF Inspection	BL2			
1306	East Cell 7, 6:1	No	12' x 4' bare area	9/13/2011	September 2011 OSDF Inspection	BL3			
1310	West drain, north of VH2	No	Woody vegetation, honeysuckle	9/13/2011	September 2011 OSDF Inspection	BL7			
1315	Toe, east Cell 2	No	Erosion	9/13/2011	September 2011 OSDF Inspection	JH3			
1320	NW corner of fence	No	Burrowing under fence	9/13/2011	September 2011 OSDF Inspection	BG1			
1321	North fence	No	Fence bracing damage	9/13/2011	September 2011 OSDF Inspection	BG2			
1322	East fence, Cell 2	No	Under fence wire	9/13/2011	September 2011 OSDF Inspection	BG3			
1324	East fence, Cell 3	No	Under fence wire	9/13/2011	September 2011 OSDF Inspection	BG5			
1325	East fence, Cell 4	No	Concrete base of post (10)	9/13/2011	September 2011 OSDF Inspection	BG6	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1326	East fence, Cell 5	No	Concrete base of post (2)	9/13/2011	September 2011 OSDF Inspection	BG7	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1327	East fence, Cell 5	No	Under fence wire	9/13/2011	September 2011 OSDF Inspection	BG8			
1328	East fence, Cell 6	No	Concrete base of post	9/13/2011	September 2011 OSDF Inspection	BG9	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1329	South fence	No	Concrete base of post	9/13/2011	September 2011 OSDF Inspection	BG10	No action necessary	7/5/2012	Subcontractor verification that fence is secure.
1330	North of VH7	No	Faded signage (Buried Leachate)	9/13/2011	September 2011 OSDF Inspection	BG11			
1331	Deer fence north of WM2 - north	No	Hole in deer fence	12/1/2011	December 2011 Site Inspection	1			
1332	Deer fence north of WM2 - north	No	Tree on deer fence	12/1/2011	December 2011 Site Inspection	2			
1333	Deer fence north of WM2 - north	No	Tree on deer fence	12/1/2011	December 2011 Site Inspection	3			
1334	Deer fence north of WM2 - north	No	Hole in fence	12/1/2011	December 2011 Site Inspection	4			
1335	Deer fence north of WM2 - north	No	Hole in fence	12/1/2011	December 2011 Site Inspection	5			
1336	A8PIII-North, south deer fence	No	Hole on north side of fence	12/1/2011	December 2011 Site Inspection	7			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1337	A8PIII-North, south deer fence	No	Hole on east side of fence	12/1/2011	December 2011 Site Inspection	8			
1338	Deer fence north of WM2 - west	No	Fence is down (tree)	12/1/2011	December 2011 Site Inspection	9			
1339	Deer fence north of WM2 - NE	No	Hole in fence	12/1/2011	December 2011 Site Inspection	10			
1340	A8PII Paddys Run west bank	No	Bottles/trash caught in fence	12/1/2011	December 2011 Site Inspection	11			
1341	A8PII Paddys Run west bank	No	Tree tubes need removed	12/1/2011	December 2011 Site Inspection	12			
1342	A8PIII-North, north deer fence	No	Fence sagging – ties broken	12/1/2011	December 2011 Site Inspection	14			
1343	Rainbow bridge deer fence - SE	No	Deer fence down	12/1/2011	December 2011 Site Inspection	15			
1344	Rainbow bridge deer fence - NE	No	Deer fence down	12/1/2011	December 2011 Site Inspection	16			
1345	Duke Energy deer fence - SE	No	Deer fence down	12/1/2011	December 2011 Site Inspection	17			
1346	Duke Energy deer fence - east	No	Deer fence down	12/1/2011	December 2011 Site Inspection	18			
1347	Duke Energy deer fence – NE	No	Tree on deer fence	12/1/2011	December 2011 Site Inspection	19			
1348	Duke Energy deer fence – north	No	Tree on deer fence	12/1/2011	December 2011 Site Inspection	20			
1349	“S” bend on Paddys Run Rd.	No	4x4 barrier post is broken off at ground level, seemingly run over by a vehicle (tire tracks on either side)	12/1/2011	December 2011 Site Inspection	22			
1350	CAWWT fence	No	Tree growing into chain link fence on north side.	9/8/2011	September 2011 point-specific IC inspection	na			
1351	Interior Authorized Vehicle Access VU	No	Broken spring, rope on ground	9/8/2011	September 2011 point-specific IC inspection	na			
1352	Interior Authorized Vehicle Access VT	No	Posts are there, but no rope	9/8/2011	September 2011 point-specific IC inspection	na			
1353	Restoration storage shed	No	Bottom of corner trim lost bolt.	9/8/2011	September 2011 point-specific IC inspection	na			
1354	Cell 8	No	Rocks	12/13/2011	December 2011 OSDF Inspection	JW2			
1355	Cell 1 (west)	No	Bare spot	12/13/2011	December 2011 OSDF Inspection	LH1			
1356	Cell 1/2	No	Bare spot	12/13/2011	December 2011 OSDF Inspection	LH5			
1357	Cell 4 (west)	No	Teasel	12/13/2011	December 2011 OSDF Inspection	HS1	Herbicide applied	June-12	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1358	Cell 5 (west)	No	Teasel	12/13/2011	December 2011 OSDF Inspection	HS2	Herbicide applied	June-12	
1359	Cell 6 (west)	No	Thistle	12/13/2011	December 2011 OSDF Inspection	HS3	Herbicide applied	June-12	
1361	Between VH 3 and 4	No	Woody vegetation in rocks	12/13/2011	December 2011 OSDF Inspection	DB1	Herbicide applied	July-12	
1362	Cell 7/8 (west)	No	Cell marker at toe seems loose	12/13/2011	December 2011 OSDF Inspection	DB2			
1366	Cell 2	No	Burrow	12/13/2011	December 2011 OSDF Inspection	HB2			
1368	Cell 2	No	Cedar	12/13/2011	December 2011 OSDF Inspection	HB13	Herbicide applied	July-12	
1369	Cell 3 (top)	No	Holes	12/13/2011	December 2011 OSDF Inspection	GH2			
1370	East fence (cell 8)	No	Burrowing	12/13/2011	December 2011 OSDF Inspection	BG2			
1371	East fence (NE cell 1)	No	Burrowing	12/13/2011	December 2011 OSDF Inspection	BG3			
1372	NE of OSDF (cell 1)	No	Tree in rip rap	12/13/2011	December 2011 OSDF Inspection	BG4	Herbicide applied	July-12	
1373	Between VH 3 and 4	No	Tree	12/13/2011	December 2011 OSDF Inspection	BG5	Herbicide applied	July-12	
1374	South of control VH	No	Burrowing	12/13/2011	December 2011 OSDF Inspection	BG6			
1375	Waste Pits, east slope of pond	No	Erosion	3/6/2012	March 2012 Site Inspection	2			
1379	Production Area	No	Debris	3/6/2012	March 2012 Site Inspection	8			
1380	Production Area	No	Debris	3/6/2012	March 2012 Site Inspection	9			
1381	Production Area	No	Debris	3/6/2012	March 2012 Site Inspection	10			
1383	Waste Pits, north Pit 3	No	Erosion	3/6/2012	March 2012 Site Inspection	12			
1386	Production Area, w corner Angel Pond	No	Glazed tile debris	3/6/2012	March 2012 Site Inspection	15			
1387	Waste Pits	No	Erosion	3/6/2012	March 2012 Site Inspection	16			
1388	Waste Pits, east end Pit 5	No	Erosion	3/6/2012	March 2012 Site Inspection	17			
1390	Waste Pits, north Pit 5	No	Erosion	3/6/2012	March 2012 Site Inspection	19			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1392	Waste Pits, northeast	No	Tile	3/6/2012	March 2012 Site Inspection	21			
1393	Production Area, north Angel Pond	No	Tile and debris	3/6/2012	March 2012 Site Inspection	26			
1394	Production Area, east Swan Pond	No	Concrete	3/6/2012	March 2012 Site Inspection	27			
1395	Production Area, east by OSDF fence	No	Debris (2 locations)	3/6/2012	March 2012 Site Inspection	28			
1396	Production Area, NE Angel Pond	No	Re-bar debris	3/6/2012	March 2012 Site Inspection	29			
1397	Production Area, west of cell 6/7	No	Debris metal	3/6/2012	March 2012 Site Inspection	30			
1398	Production Area, west of cell 8	No	Debris metal	3/6/2012	March 2012 Site Inspection	31			
1399	Production Area, SE of CAWWT	No	Concrete (in pines)	3/6/2012	March 2012 Site Inspection	32			
1400	Production Area, SE of CAWWT	No	T-post (west of pines)	3/6/2012	March 2012 Site Inspection	33			
1402	Center waste pit 3	No	Erosion between ponds	3/6/2012	March 2012 Site Inspection	35			
1403	East side of pond waste pit 3	No	Erosion between ponds	3/6/2012	March 2012 Site Inspection	36			
1409	East of Community Pond	No	Erosion rill	3/6/2012	March 2012 Site Inspection	42			
1410	East of well road, E end of pond	No	Debris	3/6/2012	March 2012 Site Inspection	43			
1411	Land between lakes	No	Erosion rills	3/6/2012	March 2012 Site Inspection	44			
1426	Perimeter sign S49	No	Sign not visible due to vegetation	3/15/2012	March 2012 point-specific IC inspection	na			
1431	Cell 6 – west	No	Thistle	3/13/2012	March 2012 OSDF Inspection	HB1	Herbicide applied	June-12	
1435	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS2	Herbicide applied	July-12	
1436	North drain	No	Rosa	3/13/2012	March 2012 OSDF Inspection	HS3	Herbicide applied	July-12	
1437	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS4	Herbicide applied	July-12	
1438	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS5	Herbicide applied	July-12	
1439	North drain	No	Rosa/honeysuckle in fence	3/13/2012	March 2012 OSDF Inspection	HS6	Herbicide applied	July-12	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1440	North drain	No	Rosa/grapevine in fence	3/13/2012	March 2012 OSDF Inspection	HS7	Herbicide applied	July-12	
1441	North drain	No	Dogwood	3/13/2012	March 2012 OSDF Inspection	HS8	Herbicide applied	July-12	
1442	East fence line	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS9	Herbicide applied	July-12	
1443	East fence line	No	Black pipe	3/13/2012	March 2012 OSDF Inspection	HS10			
1444	East fence line	No	Cedars	3/13/2012	March 2012 OSDF Inspection	HS11	Herbicide applied	July-12	
1445	East fence line	No	Barb arm off fence	3/13/2012	March 2012 OSDF Inspection	HS12			
1446	East fence line	No	Cottonwoods	3/13/2012	March 2012 OSDF Inspection	HS13	Herbicide applied	July-12	
1447	East fence line	No	Concrete	3/13/2012	March 2012 OSDF Inspection	HS14	Debris removed and free released	7/10/2012	
1448	South drainage	No	Multiflora rose	3/13/2012	March 2012 OSDF Inspection	HS15	Herbicide applied	July-12	
1450	SW corner	No	Vegetation budding	3/13/2012	March 2012 OSDF Inspection	HS17	Herbicide applied	July-12	
1451	West fence line	No	Erosion	3/13/2012	March 2012 OSDF Inspection	HS18			
1452	West fence Cell 6 (drain)	No	Willows	3/13/2012	March 2012 OSDF Inspection	HS20	Herbicide applied	July-12	
1453	West fence Cell 4 (at drain)	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS21	Herbicide applied	July-12	
1454	VH3	No	Drain pipe on building is down	3/13/2012	March 2012 OSDF Inspection	HS22			
1455	West of VH1	No	Multiflora Rose	3/13/2012	March 2012 OSDF Inspection	HS23	Herbicide applied	July-12	
1456	North of silos ponds	No	Spotty bare/gravel	6/5/2012	June 2012 Site Inspection	2			
1457	At well house	No	Exposed wires (from removal?)	6/5/2012	June 2012 Site Inspection	4			
1458	South edge of road	No	Canada thistle	6/5/2012	June 2012 Site Inspection	6			
1459	East side of south pines deer fence	No	Deer fence off posts	6/5/2012	June 2012 Site Inspection	7			
1460	Ditch line on edge of road	No	Sink holes	6/5/2012	June 2012 Site Inspection	8			
1461	East side of south pines deer fence	No	Holes in gate	6/5/2012	June 2012 Site Inspection	9			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1462	Radiation hotspot deer fence – east side	No	Zip ties broken, fence hanging	6/5/2012	June 2012 Site Inspection	13			
1463	Paddys Run – east bank west of silos ponds	No	10' x 20' exposed fabric, rocks gone	6/5/2012	June 2012 Site Inspection	14			
1464	Paddys Run – east bank west of silos ponds	No	Fallen tree cages	6/5/2012	June 2012 Site Inspection	15			
1465	West side SWRB	No	Teasel	6/5/2012	June 2012 Site Inspection	18			
1466	Shingle Oak trail	No	Teasel	6/5/2012	June 2012 Site Inspection	24			
1467	Sycamore trail	No	Teasel	6/5/2012	June 2012 Site Inspection	25			
1468	Drainage area	No	Garlic mustard	6/5/2012	June 2012 Site Inspection	26			
1469	Well access	No	Teasel	6/5/2012	June 2012 Site Inspection	27			
1470	SE corner of deer fence	No	Thistle patch	6/5/2012	June 2012 Site Inspection	28			
1471	Drainage E of Sycamore trail	No	Concrete (chunks)	6/5/2012	June 2012 Site Inspection	29			
1472	Dance hall road	No	Erosion rill	6/5/2012	June 2012 Site Inspection	31			
1473	Deer fence	No	Limbs on deer fence*	6/5/2012	June 2012 Site Inspection	32			
1474	Deer fence	No	Grapes pulling down fence	6/5/2012	June 2012 Site Inspection	33			
1475	Deer fence	No	Top of fence unattached	6/5/2012	June 2012 Site Inspection	34			
1476	Perimeter sign S37	No	Sign is leaning	6/6/2012	June 2012 point-specific IC inspection	na			
1477	Perimeter sign S41	No	Sign not visible due to vegetation	6/6/2012	June 2012 point-specific IC inspection	na			
1478	Perimeter sign S48	No	Sign not visible due to vegetation	6/6/2012	June 2012 point-specific IC inspection	na			
1479	Perimeter sign S65	No	Sign is leaning	6/6/2012	June 2012 point-specific IC inspection	na			
1480	Trestle	No	Vegetation covers and blocks entry gate into trestle	6/6/2012	June 2012 point-specific IC inspection	na			
1481	Riprap toe west cell 6	No	Grapevine in riprap	6/12/2012	June 2012 OSDF Inspection	ED2			
1482	North toe	No	Sycamore and willow	6/12/2012	June 2012 OSDF Inspection	LH1			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1483	North toe	No	Ash and grapevine	6/12/2012	June 2012 OSDF Inspection	LH2			
1484	Drainage west cell 8	No	Cottonwood	6/12/2012	June 2012 OSDF Inspection	LH6			
1485	Drainage west cell 8	No	Willow	6/12/2012	June 2012 OSDF Inspection	LH7			
1486	Drainage east cell 2 (north)	No	Woody vegetation	6/12/2012	June 2012 OSDF Inspection	BL1			
1487	Drainage east cell 2	No	Red cedar	6/12/2012	June 2012 OSDF Inspection	BL2			
1488	North drainage (northwest)	No	Woody vegetation	6/12/2012	June 2012 OSDF Inspection	JH1			
1489	North drainage	No	Grape vine	6/12/2012	June 2012 OSDF Inspection	JH2			
1490	West toe at VH6	No	Standing water (follow up to LH3 from March 2012)	6/12/2012	June 2012 OSDF Inspection	JH4			
1491	West toe cell 6	No	Wetland vegetation	6/12/2012	June 2012 OSDF Inspection	JH5			
1492	West toe south of VH4	No	Standing water	6/12/2012	June 2012 OSDF Inspection	JH6			
1493	North drainage (north east)	No	Teasel	6/12/2012	June 2012 OSDF Inspection	LM1			
1494	East drainage cell 1/2 boundary	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	LM2			
1495	East drainage cell 2	No	Teasel and grapevine	6/12/2012	June 2012 OSDF Inspection	LM3			
1496	North of northwest gate	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS1			
1497	North of northwest gate	No	Pear/elms	6/12/2012	June 2012 OSDF Inspection	HS2			
1498	North of northwest gate	No	Ash tree/elms	6/12/2012	June 2012 OSDF Inspection	HS3			
1499	North drain (northwest corner)	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS4			
1500	North drain (northwest corner)	No	Ash tree	6/12/2012	June 2012 OSDF Inspection	HS5			
1501	North drain (northwest corner)	No	Ash and willows	6/12/2012	June 2012 OSDF Inspection	HS6			
1502	North drain (northwest rocks)	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS7			
1503	North drainage	No	Sycamore, elm, cottonwood, willow	6/12/2012	June 2012 OSDF Inspection	HS9			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1504	North fence gate	No	Teasel and thistle	6/12/2012	June 2012 OSDF Inspection	HS11			
1505	Northeast corner drainage	No	Cottonwoods, ash, pear	6/12/2012	June 2012 OSDF Inspection	HS13			
1506	East drain, north end of cell 5	No	Pear	6/12/2012	June 2012 OSDF Inspection	HS15			
1507	East drain, cell 5/6 boundary	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS16			
1508	East drain, cell 6 fence line	No	Pear	6/12/2012	June 2012 OSDF Inspection	HS17			
1509	East drain, cell 6 fence line	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS18			
1510	East drain, cell 6 fence line	No	Musk thistle	6/12/2012	June 2012 OSDF Inspection	HS19			
1511	East drain, cell 6 fence line	No	Bull thistle	6/12/2012	June 2012 OSDF Inspection	HS20			
1512	East drain, cell 6 fence line	No	Elm	6/12/2012	June 2012 OSDF Inspection	HS21			
1513	West drain, cell 8	No	Willows, trumpet creeper	6/12/2012	June 2012 OSDF Inspection	HS32			
1514	West fence line behind VH7	No	Poison ivy	6/12/2012	June 2012 OSDF Inspection	HS33			
1515	West drain, north end cell 6	No	Willows and honeysuckle at culvert	6/12/2012	June 2012 OSDF Inspection	HS34			
1516	West drain, mid cell 5	No	Honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS35			
1517	West drain, north end cell 5	No	Musk thistle	6/12/2012	June 2012 OSDF Inspection	HS36			
1518	West drain, cell 4	No	Willows	6/12/2012	June 2012 OSDF Inspection	HS37			
1519	West drain, cell 3	No	Willow, cottonwood, honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS38			
1520	West drain, cell 2	No	Willow, Virginia creeper, honeysuckle	6/12/2012	June 2012 OSDF Inspection	HS39			
1521	West drain, cell 1	No	Honeysuckle, multiflora, ash	6/12/2012	June 2012 OSDF Inspection	HS40			