7324

Department of Energy
Washington, DC 20585

September 26, 2011

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 September 2011 Fernald Site Inspection Forms**

The purpose of this letter is to transmit the completed forms for the September 2011 Fernald Preserve quarterly inspection. The September 2011 inspection was conducted at Fernald as directed by the Comprehensive Legacy Management and Institutional Controls Plan. A field walk-down took place on September 7. It was conducted with participation from S.M. Stoller Corporation and the Ohio Environmental Protection Agency (Ohio EPA). Note that the On-Site Disposal Facility (OSDF) cap has a separate inspection and reporting process.

The field walk-down was conducted through the Lodge Pond basin, trail and savanna; the east field; the east perimeter between the OSDF and the property fence line; the Wetland Mitigation Phase I area; and the North Pines. Findings from this walk-down are documented on the attached Fernald Preserve Field Walk-down Inspection Form and associated map. No debris was identified during this inspection. Findings were mostly related to deer fence and vegetation. No prohibited activities were observed.

In addition, specific institutional controls were inspected. Findings from this effort are documented on the enclosed Fernald Preserve Institutional Controls Inspection Form.

A key component of the inspection is the documentation of follow-up activities. Findings from site inspections, OSDF inspections, weekly trail inspections and observations from Fernald Preserve personnel during day-to-day operations are entered into the Fernald Preserve Maintenance and Repair Action Items database, a printout of which is enclosed. Resolution of findings is then tracked through this database. Items on the list are shaded once they are completed; previously reported items are removed from the list.

Printed with soy ink on recycled paper

Resolution of older findings can be found on previous quarterly inspection reports.

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

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

Sincerely,

Jane Powell

Jane Powell
Fernald Preserve Site Manager
DOE-LM-20.2

Enclosures

cc w/enclosures:
M. Cullerton, Tetra Tech.
M. Murphy, USEPA-V, A-18J
T. Schneider, Ohio EPA (three copies of enclosure)
Project Record File FER115.02.05(A) (thru W. Sumner)
Administrative Records (thru W. Sumner)

cc w/o enclosures:
(electronic)
G. Hooten, DOE
T. Pauling, DOE
K. Reed, DOE
B. Hertel, Stoller
J. Homer, Stoller
L. McHenry, Stoller

U.S. Department of Energy Office of Legacy Management

Fernald Preserve Field Walkdown Inspection

Date September 7, 2011 Inspector SM Stoller, Ohio EPA

Area Lodge Pond, East Field, East Perimeter, North Pines Sub-Area

			Type of Finding						Follow Up		
No.	Location (Use Map Whenever Possible)	GPS?	Unauthorized Use	Disturbance	Vegetation	Other	Description	Photo? (File No.)	Corrected	Maintenance Req'd	Cont. Observation
1	East fence, east field				X		Honeysuckle along fence			X	
2	North pines, fence east of shed					X	Tree down on deer fence			X	
3	North pines, fence east of shed					X	Tree down on deer fence			X	
4	Lodge pond basin - south					X	Downed cages			X	
5	Lodge pond basin				X		Thistle			X	
6	Lodge pond basin - southeast					X	Downed cages			X	
7	Lodge pond basin - east				X		Sparsely vegetated with natives				X
8	Deer fence east of shed				X		Excessive goldenrod				X
9	North pines, NE of shed				X		Garlic mustard				X
10	North pines				X		Honeysuckle along wood line			X	
11	Lodge pond - west				X		Olive species			X	
12	East fence line					X	Old culvert				X
13	East fence line					X	Plastic drain				X
14	East perimeter				X		Scattered pear			X	
15	Lodge pond basin				X		Callery pear			X	

Additional Notes

U.S. Department of Energy Office of Legacy Management

Fernald Preserve Institutional Control Inspection

Date Sept. 2011 Inspector SM Stoller Area Institutional Controls

	Type of Finding (See Definitions Page)						Follow Up		
Institutional Control	Signage	Barrier	Groundskeeping	Other	Description	Photo? (File No.)	Corrected	Maintenance Req'd	Cont. Observation
Access Points									
South Access					NO FINDINGS	No			
North Access					NO FINDINGS	No			
Eco Park					NO FINDINGS	No			
Forest Demo					NO FINDINGS	No			
Perimeter Authorized Vehicle Access									
					NO FINDINGS	No			
Perimeter Signage									
S6	X				View of sign is blocked by pear tree	No		X	
Fencing									
CAWWT					NO FINDINGS	No			
OSDF		X			Erosion at post bases, gaps and burrows at various locations	No		X	
Utility					NO FINDINGS	No			
Trestle					NO FINDINGS	No			
Interior Authorized Vehicle Access									
VU		X			Broken spring (does not affect barricade)	No		X	
VL		X			No rope and no sign	No			X
Buildings and Structures									
Communication Building					NO FINDINGS	No			
DO Building					NO FINDINGS	No			
Restoration Storage Shed				X	Bottom of corner trim lost bolt.	No		X	
Other IC									
60-Inch Culvert					NO FINDINGS	No			
Uncertified Areas					NO FINDINGS	No			
Roads and Parking Areas					NO FINDINGS	No			
Trails and Overlooks					New findings are recorded in weekly trail inspections	No			

Fernald Preserve Institutional Control Inspection (continued)

Date _____ Inspector _____ Area _____

Additional Notes

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Legend

- Inspection Area
- Road-paved
- Road-gravel
- Building
- Fence
- Paddys Run
- Intermittent Stream
- Elevation Contour
- Deer Fence Area
- Wetland Basin
- Trail
- Trail Mile Marker

100 50 0 100 200 Feet

NAD 83 State Plane Ohio South

N

NOTE Findings are numbered and provided on the September 2011 Field Walkdown Form.

NOTE Paddy's Run will be inspected as accessible - Summer/Fall.

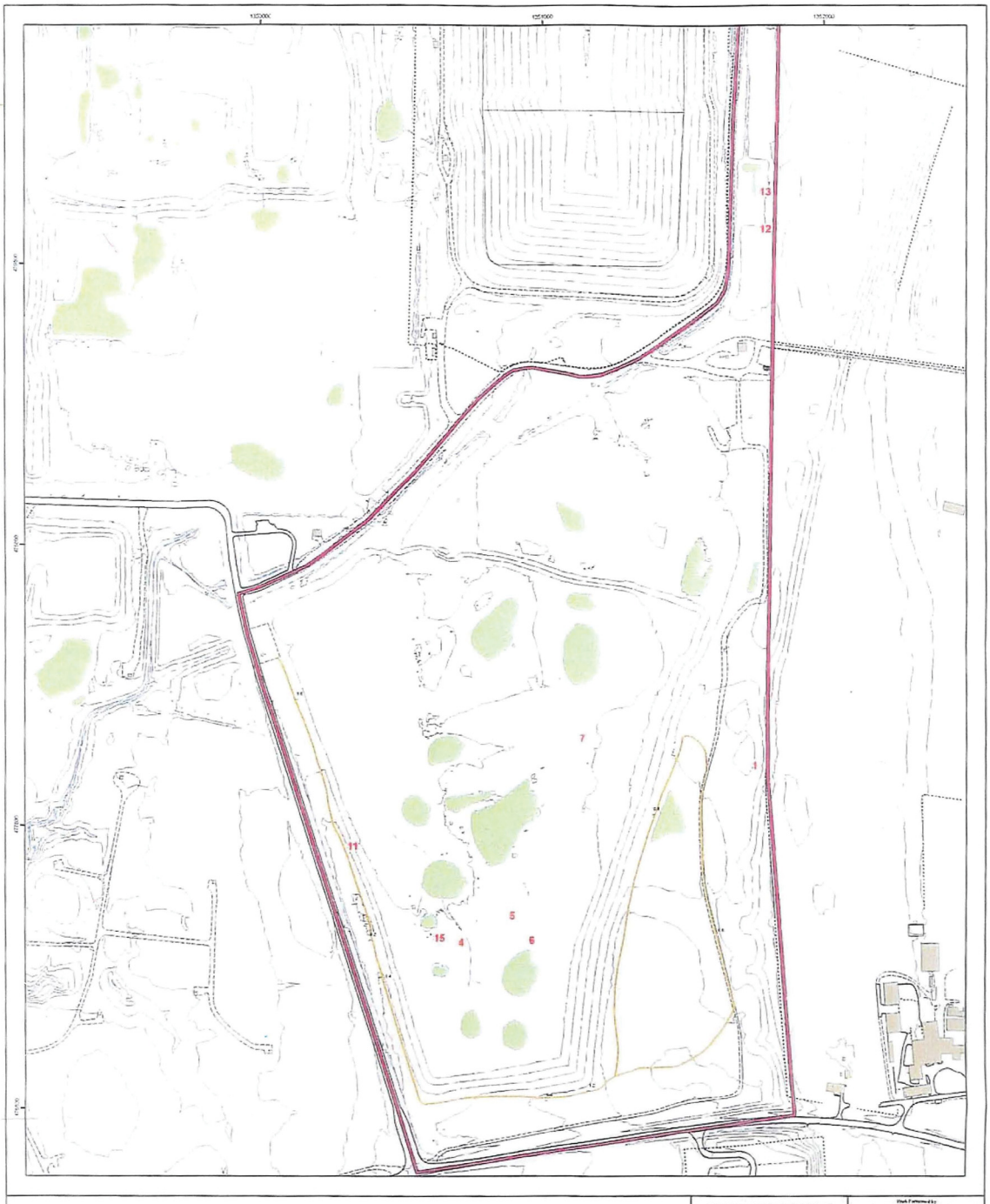
U.S. DEPARTMENT OF ENERGY
HAMILTON, OHIO

Work Performed by
S.M. Stoller Corporation
Under DOE Contract No. DE-AM01-07LM05000

Fernald Preserve
Consolidated Finding Locations for North Section of September 2011 Site Inspection

DATE PREPARED: September 12, 2011

FILENAME: inspection_areas_3rdqtr_2011_north_loc



Legend

- Inspection Area
- Road-paved
- Road-gravel
- Building
- Fence
- Paddys Run
- Intermittent Stream
- Elevation Contour
- Deer Fence Area
- Wetland Basin
- Trail
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100 50 0 100 200 Feet

NAD 83 State Plane Ohio South

N

NOTE: Findings are numbered and provided on the September 2011 Field Walkdown Form.

NOTE: Paddy's Run will be inspected as accessible - Summer/Fall

U.S. DEPARTMENT OF ENERGY
HAMILTON, OHIO

Work Performed by
S.M. Stoller Corporation
Under DOE Contract No. DE-AM01-03LM00100

Fernald Preserve
Consolidated Finding Locations for South Section of September 2011 Site Inspection

DATE PREPARED: September 12, 2011

FILENAME: inspection_areas_3sdgtr_2011_south_loc

FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

SEPTEMBER 2011 UPDATE

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
233	Deer fence off south access road	No	Deer fence corner wire down	6/5/2008	June 2008 quarterly field walkdown	7			
633	Waste pits - north west	No	Cages are down	3/3/2009	March 2009 quarterly field walkdown	31			
646	Waste pits	No	Erosion matting rolls	3/3/2009	March 2009 quarterly field walkdown	44			
650	Waste pits - east	No	A lot of trash blown around	3/3/2009	March 2009 quarterly field walkdown	48			
687	Roads and parking areas	No	Paint is wearing in some areas	3/16/2009	March 2009 point-specific IC inspection	NA			
699	Grassy area south of cell 8	No	Debris at JF6A GT Debris - plastic 6 feet southwest, clay tile 6 feet southwest GT 3 feet southwest at JF6B	3/12/2009	March 2009 quarterly OSDF inspection	JF8	Removed and free-released	July-11	
728	North side of SWU slope	No	Concrete debris	6/9/2009	June 2009 quarterly field walkdown	15			
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			
782	North pines east	No	Limb across deer fence	9/2/2009	September 2009 quarterly field walkdown	9			
783	North pines west deer fence	No	Teasel, Canada thistle	9/2/2009	September 2009 quarterly field walkdown	10			
784	North pines west deer fence	No	Canada thistle	9/2/2009	September 2009 quarterly field walkdown	11			
788	South side of east deer fence	No	Break in deer fence with well defined deer path	9/2/2009	September 2009 quarterly field walkdown	22			
789	North pines	No	Thistle near Cultural Resource sign	9/2/2009	September 2009 quarterly field walkdown	23			
792	Pines along south access	No	Thistle	9/2/2009	September 2009 quarterly field walkdown	29			
799	East side of Lodge Pond	No	T-posts in rows - not sure of purpose.	9/2/2009	September 2009 quarterly field walkdown	44			
800	North pines	No	Teasel	9/2/2009	September 2009 quarterly field walkdown	45			
801	North pines east deer fence	No	Teasel	9/2/2009	September 2009 quarterly field walkdown	46			
802	North pines east deer fence	No	Teasel and thistle	9/2/2009	September 2009 quarterly field walkdown	47			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
803	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	50			
804	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	52			
805	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	53			
806	A1PI wetland - basin 4	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	54			
807	Summe gate south of A1PI	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	55			
808	North A1PI	No	Honeysuckle and teasel	9/2/2009	September 2009 quarterly field walkdown	57			
809	A1PI wetland - basin 2	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	59			
810	North and south Summe gates	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	60			
811	East perimeter	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	61			
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			
820	Access V6	No	Fill in ditch to allow for vehicle use	10/1/2009	Casual observation	na			
821	Access V7	No	Remove culvert and abandon access	10/1/2009	Casual observation	na			
846	A8PII 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	A6PI/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			
860	A8PIII-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			
863	Field at Rainbow bridge	No	Tree tubes need to be removed	12/14/2009	December 2009 quarterly field walkdown	18			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
869	A8PII	No	Wooden post	12/14/2009	December 2009 quarterly field walkdown	24			
875	A8PIII-North	No	Deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	30			
876	A8PIII-North	No	Deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	31			
877	A8PIII-North	No	South fence - deer fence needs repair	12/14/2009	December 2009 quarterly field walkdown	32			
881	Access point VQ	No	No signs	12/9/2009	December 2009 point-specific IC inspection	na			
893	Cell 2 east side	No	Groundhog hole	12/3/2009	December 2009 OSDF inspection	HB7	Not found	Jul-11	
919	South bank of Union Pond	No	Erosion rill	3/11/2010	March 2010 quarterly field walkdown	1			
921	South side of bank	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	3			
922	West end of pond	No	Teasel	3/11/2010	March 2010 quarterly field walkdown	4			
923	West end of pond	No	Teasel	3/11/2010	March 2010 quarterly field walkdown	5			
929	Edge (west) of North Drainage Ditch	No	T-post	3/11/2010	March 2010 quarterly field walkdown	11			
930	Edge of access road	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	12			
931	Edge of road by CAWWT	No	Orange fence	3/11/2010	March 2010 quarterly field walkdown	13			
932	Southwest of Main Drainage Corridor outlet	No	Rutting	3/11/2010	March 2010 quarterly field walkdown	14			
933	Main Drainage Corridor	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	15			
934	East of Swan Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	16			
935	Southeast of Union Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	17			
936	West of 5 Sycamore trees, northwest of 5 oak trees	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	18			
939	South of Union Pond	No	Erosion greater than 1 foot	3/11/2010	March 2010 quarterly field walkdown	21			
940	East end of drain north of Angel Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	22			
941	North bank of east/west drain	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	23			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
943	East bank of drainage	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	25			
946	Southwest corner of Swan Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	29			
949	Deer fence on east of Paddys Run on west edge of waste pits	No	Gate ripped down	3/11/2010	March 2010 quarterly field walkdown	32			
954	Along ridge	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	37			
965	West of 3rd utility pole from the south end OSDF fence	No	Bricks and silt fence debris can be removed at top of east slope of ditch (previous inspection item JF3)	3/18/2010	March 2010 OSDF inspection	JF8	Removed and free-released	July-11	
969	Island in pond	No	Erosion and lack of vegetation	6/2/2010	June 2010 quarterly field walkdown	2			
972	On site substation deer fence	No	Thistle/teasel	6/2/2010	June 2010 quarterly field walkdown	5			
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			
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			
982	West side of deer fence	No	Teasel and thistle	6/2/2010	June 2010 quarterly field walkdown	14			
983	North of former inactive flyash pile (slope of SWU)	No	Cedar tree choked by cage	6/2/2010	June 2010 quarterly field walkdown	15			
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
1008	South pines along access road	No	Honeysuckle all along road	6/2/2010	June 2010 quarterly field walkdown	40			
1009	Drainage along access road along south pines	No	Bare area (no veg.)	6/2/2010	June 2010 quarterly field walkdown	41			
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			
1014	South side of south pines deer fence	No	Teasel	6/2/2010	June 2010 quarterly field walkdown	46			
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			
1023	East of radium hotspot	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	55			
1024	Near valve house on access road north of SWRB	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	56			
1025	Along access road	No	Teasel	6/2/2010	June 2010 quarterly field walkdown	57			
1026	Along access road	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	58			
1027	Along access road	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	59			
1028	Cell 4, west toe	No	Buckthorn	6/9/2010	June 2010 OSDF Inspection	SB3	Removed	July-11	
1056	Cell 7/8	No	Flowering pear	9/1/2010	September 2010 OSDF Inspection	BL2	Removed	July-11	
1058	Cell 1	No	Horsetail	9/1/2010	September 2010 OSDF Inspection	DB1	No action necessary	July-11	
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			Even with the erosion, the posts remain relatively solid. Some wobble is occurring but this is most likely due to the dry conditions.

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1090	Lodge pond basin – west	No	Downed cages	9/8/2010	September 2010 quarterly field walkdown	1			
1091	Lodge pond basin – center	No	Invasive Schoeneplectus	9/8/2010	September 2010 quarterly field walkdown	2			
1092	Lodge Pond savanna	No	Canada thistle	9/8/2010	September 2010 quarterly field walkdown	3			
1093	North pines deer fence	No	Hole in fence	9/8/2010	September 2010 quarterly field walkdown	4			
1095	Lodge pond basin – south	No	Teasel	9/8/2010	September 2010 quarterly field walkdown	6			
1096	North pines east fence south side	No	Fence down (tree on fence)	9/8/2010	September 2010 quarterly field walkdown	7			
1097	North Bend prairie – east	No	Canada and musk thistle	9/8/2010	September 2010 quarterly field walkdown	8			
1098	North Bend prairie – middle	No	Musk thistle	9/8/2010	September 2010 quarterly field walkdown	9			
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			
1102	Along access road	No	Thistle	9/8/2010	September 2010 quarterly field walkdown	13			
1103	Lodge pond basin – center	No	Fence baskets down	9/8/2010	September 2010 quarterly field walkdown	14			
1104	North pines along property line	No	Trash	9/8/2010	September 2010 quarterly field walkdown	15			
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			
1107	Near "high voltage" station	No	Flowering pear	9/8/2010	September 2010 quarterly field walkdown	18			
1108	Across from Cell 5	No	Flowering pear (several flags – unlabeled)	9/8/2010	September 2010 quarterly field walkdown	19			
1109	Across from Cell 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	20			
1110	Across from Cell 3	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	21			
1111	Near Summe's access gate	No	Narrow leaf cattail	9/8/2010	September 2010 quarterly field walkdown	22			
1112	AIPI SW of basin 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	23			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1113	Across from Cell 1/2 boundary	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	24			
1114	AIPI between basins 3 and 4	No	Narrow leaf cattail	9/8/2010	September 2010 quarterly field walkdown	25			
1115	Swale in Basin 2	No	Narrow leaf cattail	9/8/2010	September 2010 quarterly field walkdown	26			
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			
1119	AIPI basin 6	No	Phragmites, Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	31			
1122	North pines along Rt. 126	No	Honeysuckle, Johnson grass, pear, thistle	9/8/2010	September 2010 quarterly field walkdown	34			
1123	Along property fence (across from Cell 7)	No	Multiflora rose	9/8/2010	September 2010 quarterly field walkdown	35			
1124	East property fence	No	Poison ivy all along fence	9/8/2010	September 2010 quarterly field walkdown	37			
1125	East side across from cell 4	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	38			
1126	East side across from cell 4	No	Multiflora rose	9/8/2010	September 2010 quarterly field walkdown	39			
1127	East side across from cell 3	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	40			
1128	East side across from cell 3	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	41			
1129	AIPI southeast of basin 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	42			
1130	AIPI Basins 3 and 2	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	43			
1131	AIPI northeast of basin 2	No	Thistle	9/8/2010	September 2010 quarterly field walkdown	44			
1134	AIPI Basin 7	No	Thistle (a lot)	9/8/2010	September 2010 quarterly field walkdown	47			
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			
1137	Drain northwest of DO along road	No	Woody vegetation in drain	9/8/2010	September 2010 quarterly field walkdown	50			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1138	AIPI at north end of OSDF	No	Scattered thistle	9/8/2010	September 2010 quarterly field walkdown	51			
1139	North pines along access rd.	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	53			
1140	North pines along access rd.	No	Crown vetch, thistle, teasel	9/8/2010	September 2010 quarterly field walkdown	54			
1141	Perimeter sign S1		Sign leaning, perhaps hit with mower or vehicle	9/7/2010	September 2010 point-specific IC inspection	na			
1143	Trestle		Vines growing all over west end of fence	9/7/2010	September 2010 point-specific IC inspection	na			
1144	Interior vehicle access VR		Attachment broken	9/7/2010	September 2010 point-specific IC inspection	na			Temporarily repaired
1145	Duke substation	no	Debris	12/6/2010	December 2010 quarterly field walkdown	1	Removed and free-released	5/11/2011	
1147	A8PIII-N, south deer fence	no	North side of fence down	12/6/2010	December 2010 quarterly field walkdown	3			
1148	A8PIII-N, south deer fence	no	East gate open	12/6/2010	December 2010 quarterly field walkdown	4			
1149	A8PIII-N, south deer fence	no	South end of fence down	12/6/2010	December 2010 quarterly field walkdown	5			
1150	A8PIII-N, south deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	6			
1151	A8PIII-N, south deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	7			
1152	A8PIII-N, north deer fence	no	West side of fence down	12/6/2010	December 2010 quarterly field walkdown	8			
1153	Field north of Duke substation	no	Debris (red clay/brick)	12/6/2010	December 2010 quarterly field walkdown	9			
1154	A8PIII, south deer fence	no	Southwest corner down	12/6/2010	December 2010 quarterly field walkdown	10			
1155	Deer fence at rainbow bridge	no	Tree cages need removed. Limbs down on east side of fence.	12/6/2010	December 2010 quarterly field walkdown	11			
1156	Deer fence at rainbow bridge	no	Tree across fence	12/6/2010	December 2010 quarterly field walkdown	12			
1157	A8PIII-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	A6PI deer fence	no	West end fence is down	12/6/2010	December 2010 quarterly field walkdown	14			
1159	A6PI deer fence	no	Tree on fence on north side	12/6/2010	December 2010 quarterly field walkdown	15			
1160	A6PI deer fence	no	Hole in north side	12/6/2010	December 2010 quarterly field walkdown	16			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1161	Perimeter sign S12	no	Sign is leaning	12/1/2010	December 2010 point-specific IC inspection	na			
1162	Perimeter sign S31	no	Sign is missing	12/1/2010	December 2010 point-specific IC inspection	na			
1168	West Cell 2 6:1	no	Woody vegetation	12/7/2010	December 2010 OSDF Inspection	JH2			
1179	EP Cell 5	no	Woody vegetation – outside fence	12/7/2010	December 2010 OSDF Inspection	JF6			
1180	EP Cell 5	no	Woody vegetation – outside fence	12/7/2010	December 2010 OSDF Inspection	JF7			
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			
1196	West bank of Swan Pond	No	Deer cages need removed or replaced	3/1/2011	March 2011 quarterly field walkdown	2			
1197	Waste Pits	No	Teasel patch	3/1/2011	March 2011 quarterly field walkdown	4			
1198	Former Production Area	No	Teasel patches	3/1/2011	March 2011 quarterly field walkdown	5			
1199	Waste Pits	No	Trash	3/1/2011	March 2011 quarterly field walkdown	7			
1200	Former rail yard	No	Broken culvert	3/1/2011	March 2011 quarterly field walkdown	10			
1201	East of Waste Pits	No	Teasel	3/1/2011	March 2011 quarterly field walkdown	16			
1202	West of Swan Pond	No	Teasel	3/1/2011	March 2011 quarterly field walkdown	17			
1203	North Access	No	trash at entrance	3/8/2011	March 2011 point-specific IC inspection	na			
1204	Perimeter Signs S4, S12, S62, S69	No	signs are leaning over	3/8/2011	March 2011 point-specific IC inspection	na			
1205	Trestle	No	Vegetation growning in fence	3/8/2011	March 2011 point-specific IC inspection	na			
1207	Cell 8, southwest corner	No	Groundhog hole	3/8/2011	March 2011 OSDF Inspection	SB5	Filled hole and reseeded	July-11	
1211	Cell 5/6, east toe	No	Broken survey marker	3/8/2011	March 2011 OSDF Inspection	JC1			
1213	Cell 4, west inner drain	No	Pea gravel in rip rap	3/8/2011	March 2011 OSDF Inspection	HS2	Removed	Aug-11	
1214	SP culverts	No	Twin HDPE culvert partially clogged	3/8/2011	March 2011 OSDF Inspection	DN12	Opened drainage	Aug-11	

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1215	SWP	No	Lots of woody trees	3/8/2011	March 2011 OSDF Inspection	DN14			
1216	NP	No	Tree	3/8/2011	March 2011 OSDF Inspection	DN17	Removed	Aug-11	
1217	South deer fence – NW of on-site substation	No	Deer fence gate open	6/1/2011	June 2011 quarterly field walkdown	2			
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			
1221	Fence S of dance hall	No	Fence broken loose at top	6/1/2011	June 2011 quarterly field walkdown	7			
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			
1224	Shingle Oak N deer fence	No	Limb on fence	6/1/2011	June 2011 quarterly field walkdown	11			
1225	West of Lodge Pond overlook	No	Deer fence sagging	6/1/2011	June 2011 quarterly field walkdown	14			
1226	Shingle Oak N deer fence	No	Limb on deer fence	6/1/2011	June 2011 quarterly field walkdown	15			
1227	Shingle Oak S deer fence	No	Limb on deer fence	6/1/2011	June 2011 quarterly field walkdown	16			
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			
1235	Silos pond	No	Crown vetch	6/1/2011	June 2011 quarterly field walkdown	25			

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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			
1238	SWU west deer fence	No	Teasel	6/1/2011	June 2011 quarterly field walkdown	28			
1239	South field	No	Canada thistle	6/1/2011	June 2011 quarterly field walkdown	29			
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			
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			
1244	Perimeter Signs S62, S69	No	Sign is leaning over	6/2/2011	June 2011 point-specific IC inspection	na			
1245	Trestle	No	Vegetation growing in fence.	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			
1247	60-Inch Culvert	No	Debris build-up	6/2/2011	June 2011 point-specific IC inspection	na	Debris removed and drainage improved	August-11	
1248	Cell 1, North (w) 6:1	No	Large rock	6/14/2011	June 2011 OSDF Inspection	BL2	Removed	August-11	
1249	Cell 7, west (n) 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	BL7	Herbicide applied	7/8/2011	
1250	Cell 7, west 6:1	No	Rills	6/14/2011	June 2011 OSDF Inspection	BL8	Filled and reseeded	8/20/2011	
1251	Cell 8, east 6:1	No	Crown vetch	6/14/2011	June 2011 OSDF Inspection	BL9	Herbicide applied	7/8/2011	
1252	Cell 5, east 6:1	No	Erosion	6/14/2011	June 2011 OSDF Inspection	BL10	Filled and reseeded	August-11	
1253	Cell 7, west 6:1	No	Johnson grass	6/14/2011	June 2011 OSDF Inspection	LH2	Herbicide applied	7/8/2011	
1254	Cell 8, SW 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	LH3	Herbicide applied	7/12/2011	
1255	Cell 6/7, east 10:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	LH4	Herbicide applied	7/7/2011	
1256	Cell 2/3, west 6:1	No	Hole approx 6"	6/14/2011	June 2011 OSDF Inspection	DB2	Filled and reseeded	August-11	

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1257	Cell 5, west 6:1	No	Hole	6/14/2011	June 2011 OSDF Inspection	DB3	Filled and reseeded	August-11	
1258	Cell 6, west (s) 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	DB4	Herbicide applied	7/8/2011	
1259	Cell 7, west (n) 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	DB5	Herbicide applied	7/8/2011	
1260	Cell 7, west 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	DB6	Herbicide applied	7/8/2011	
1261	Cell 8, south (e) 6:1	No	Thistle	6/14/2011	June 2011 OSDF Inspection	DB7	Herbicide applied	7/8/2011	
1262	Cell 1/2, east 6:1	No	Erosion	6/14/2011	June 2011 OSDF Inspection	DB9	Filled and reseeded	August-11	
1263	Cell 8, south 6:1	No	Canada thistle, poison hemlock	6/14/2011	June 2011 OSDF Inspection	JH1	Herbicide applied	7/12/2011	
1264	Cell 3, west 6:1	No	Virginia creeper	6/14/2011	June 2011 OSDF Inspection	HS2	Removed	August-11	
1265	Cell 8, south	No	Canada thistle	6/14/2011	June 2011 OSDF Inspection	HS8	Herbicide applied	7/12/2011	
1266	Cell 8, south	No	Canada thistle	6/14/2011	June 2011 OSDF Inspection	HS9	Herbicide applied	7/11/2011	
1267	Cell 7, east top	No	Bare spot	6/14/2011	June 2011 OSDF Inspection	HS10	Seeded	August-11	
1268	Cell 7, east top	No	Canada thistle	6/14/2011	June 2011 OSDF Inspection	HS11	Herbicide applied	7/7/2011	
1269	Cell 7, east top	No	Crown vetch	6/14/2011	June 2011 OSDF Inspection	HS12	Herbicide applied	7/8/2011	
1270	Cell 7/6, west toe	No	Thistle	6/14/2011	June 2011 OSDF Inspection	LM7	Herbicide applied	7/12/2011	
1271	Cell 8, west toe	No	Thistle	6/14/2011	June 2011 OSDF Inspection	LM8	Herbicide applied	7/12/2011	
1272	Cell 8, west toe	No	Thistle	6/14/2011	June 2011 OSDF Inspection	LM9	Herbicide applied	7/12/2011	
1273	Cell 8 south face	No	Thistle and poison hemlock	6/14/2011	June 2011 OSDF Inspection	LM10	Herbicide applied	7/8/2011	
1274	Cell 8, east 6:1	No	Crown vetch	6/14/2011	June 2011 OSDF Inspection	LM11	Herbicide applied	7/8/2011	
1275	Cell 2, west 10:1	No	Teasel	6/14/2011	June 2011 OSDF Inspection	DN2	Herbicide applied	7/12/2011	
1276	Cell 7, east top	No	Rock	6/14/2011	June 2011 OSDF Inspection	DN3			
1277	Cell 2, east 10:1	No	Rock	6/14/2011	June 2011 OSDF Inspection	DN4	Removed rock, filled hole and reseeded	August-11	

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1278	North fence (e)	No	Fence damaged	6/14/2011	June 2011 OSDF Inspection	DN5			
1279	NE corner fence	No	Trees in fence	6/14/2011	June 2011 OSDF Inspection	DN6			
1280	East fence, cell 2	No	Willows	6/14/2011	June 2011 OSDF Inspection	DN8			
1281	SW corner fence	No	Tree in fence	6/14/2011	June 2011 OSDF Inspection	DN12			
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			
1284	Southwest of OSDF, adjacent to Control Valve House	No	Trees and shrubs established in drainage	6/14/2011	June 2011 OSDF Inspection	NA			
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			