7325

Department of Energy
Washington, DC 20585

December 15, 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 December 2011 Fernald Site Inspection Forms**

The purpose of this letter is to transmit the completed forms for the December 2011 Fernald Preserve quarterly inspection. The December 2011 inspection was conducted at Fernald as directed by the Comprehensive Legacy Management and Institutional Controls Plan. A field walk-down took place on December 1. It was conducted with participation from S.M. Stoller Corporation and the Ohio Environmental Protection Agency (Ohio EPA).

The field walk-down was conducted through a northern portion of the site, the north woodlot, and the entire western portion of the site between Paddys Run and Paddys Run Road, from the north perimeter to Willey Road. Findings from this walk-down are documented on the attached Fernald Preserve Field Walk-down Inspection Form and associated map. Findings were mostly related to deer fence. No prohibited activities were observed. Point-specific institutional controls were inspected as well. Findings from this effort are documented on the enclosed Fernald Preserve Institutional Controls Inspection Form.

Two pieces of debris were observed during the site inspection. Both items met the free release criteria (less than 5,000 disintegrations per minute [dpm]), as determined by the site Radiological Control Technician. DOE is committed to providing quarterly summary numbers regarding debris findings. Since the September 2011 site inspection, 207 pieces of debris have been scanned. Most debris was recovered from the Former Production Area. One piece of metal from the former Waste Pits Area had fixed contamination at 6,000 dpm. This debris was placed in the site radiological material storage area for later disposal. All other pieces met the free-release criteria and were disposed of accordingly.

Findings from this inspection that require follow-up have been added to 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. Resolution of older findings can be found on previous quarterly inspection reports.

Printed with soy ink on recycled paper

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,

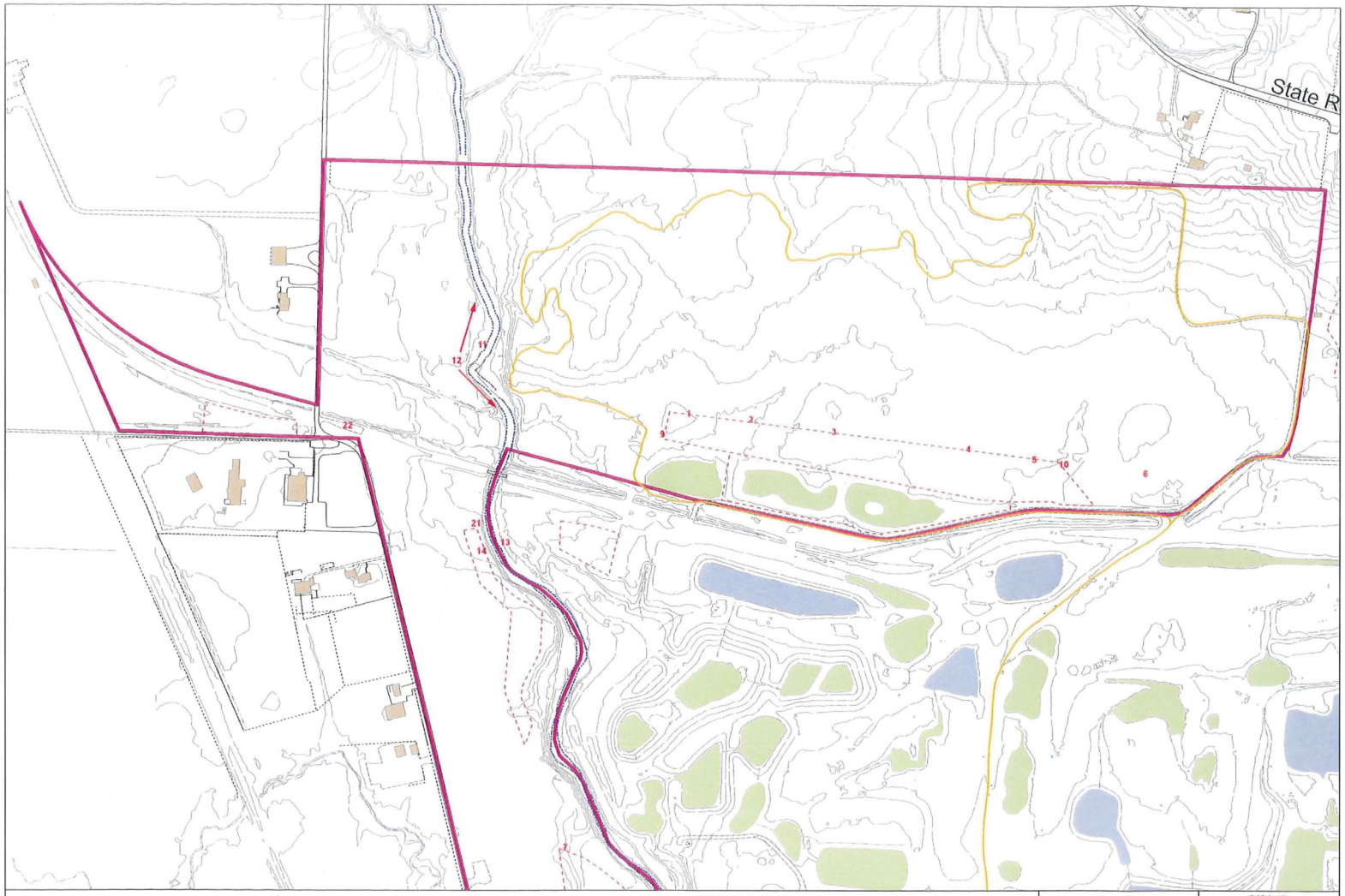
Jane Powell

Jane Powell
Fernald Preserve Site Manager
DOE-LM-20.2

Enclosure

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

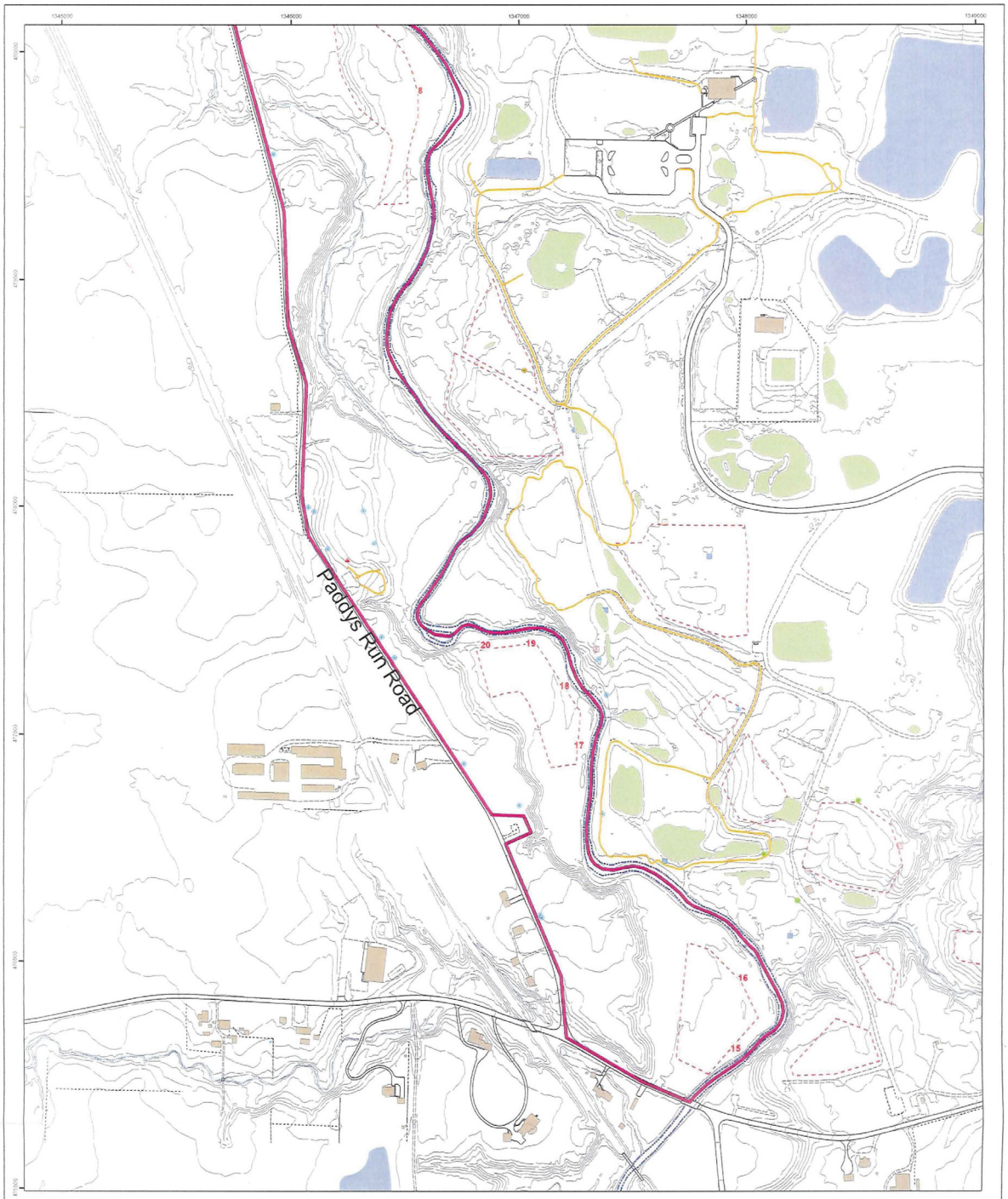


Proposed Inspection Area
Building
Road-Paved
Road-Gravel
Fence
Deer Fence
Trail
Elevation Contour
Paddys Run
Intermittent Stream
Open Water
Wetland

200 100 0 200 Feet
NAD 83 State Plane Ohio South

N

U.S. DEPARTMENT OF ENERGY HAMILTON, OHIO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AM01-07LM00059
Fernald Preserve Consolidated Finding Locations for North Section of December 2011 Site Inspection	
DATE PREPARED December 6, 2011	FILENAME inspection_areas_4thqtr_2011_north_loc



Proposed Inspection Area
Building
Road-paved
Road-gravel
Fence
Deer Fence
Trail
Elevation Contour
Paddys Run
Intermittent Stream
Open Water
Wetland

200 100 0 200 Feet
NAD 83 State Plane Ohio South

N

U.S. DEPARTMENT OF ENERGY
HAMILTON, OHIO

Work Performed by:
S.M. Stoller Corporation
Under DOE Contract
No. DE-AM01-07LMS060

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

DATE PREPARED: December 6, 2011

FILENAME: inspection_areas_4thqtr_2011_south_loc

U.S. Department of Energy Office of Legacy Management

Fernald Preserve Institutional Control Inspection

Date Dec. 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									
					NO FINDINGS	No			
Fencing									
CAWWT			X	X	Tree growing into chain link fence on north side.	No		X	
OSDF					NO NEW FINDINGS (see previous report)	No			X
Utility					NO FINDINGS	No			
Trestle					NO FINDINGS	No			
Interior Authorized Vehicle Access									
VU		X			Broken spring, rope on ground	No		X	
VT		X			Posts are there, but no rope	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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U.S. Department of Energy Office of Legacy Management

Fernald Preserve Field Walkdown Inspection

Date December 1, 2011 Inspector SM Stoller, Ohio EPA

Area North Woodlot, Paddys Run West 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	Deer fence north of WM2 - north					X	Hole in deer fence			X	
2	Deer fence north of WM2 - north					X	Tree on deer fence			X	
3	Deer fence north of WM2 - north					X	Tree on deer fence			X	
4	Deer fence north of WM2 - north					X	Hole in fence			X	
5	Deer fence north of WM2 - north					X	Hole in fence			X	
6	SE Corner of North Woodlot					X	Debris - concrete		X		
7	A8PIII-North, south deer fence					X	Hole on north side of fence			X	
8	A8PIII-North, south deer fence					X	Hole on east side of fence			X	
9	Deer fence north of WM2 - west					X	Fence is down (tree)			X	
10	Deer fence north of WM2 - NE					X	Hole in fence			X	
11	A8PII Paddys Run west bank					X	Bottles/trash caught in fence			X	
12	A8PII Paddys Run west bank					X	Tree tubes need removed			X	
13	100 yds south of train trestle					X	Metal debris on east bank		X		
14	A8PIII-North, north deer fence					X	Fence sagging – ties broken			X	
15	Rainbow bridge deer fence - SE					X	Deer fence down			X	
16	Rainbow bridge deer fence - NE					X	Deer fence down			X	
17	Duke Energy deer fence - SE					X	Deer fence down			X	
18	Duke Energy deer fence - east					X	Deer fence down			X	
19	Duke Energy deer fence – NE					X	Tree on deer fence			X	
20	Duke Energy deer fence – north					X	Tree on deer fence			X	
21	A8PIII-North, road south of trestle					X	Tarp laying in field		X		
22	"S" bend on Paddys Run Rd.					X	4x4 barrier post is broken off at ground level, seemingly run over by a vehicle (tire tracks on either side)			X	

Additional Notes

FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

DECEMBER 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			
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	Herbicide applied	September-11	
784	North pines west deer fence	No	Canada thistle	9/2/2009	September 2009 quarterly field walkdown	11	Herbicide applied	September-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	Herbicide applied	September-11	
792	Pines along south access	No	Thistle	9/2/2009	September 2009 quarterly field walkdown	29	Herbicide applied	May-11	
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	Herbicide applied	September-11	
801	North pines east deer fence	No	Teasel	9/2/2009	September 2009 quarterly field walkdown	46	Herbicide applied	September-11	
802	North pines east deer fence	No	Teasel and thistle	9/2/2009	September 2009 quarterly field walkdown	47			
803	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	50	Cut stump and applied herbicide as necessary	November-11	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
804	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	52	Cut stump and applied herbicide as necessary	November-11	
805	A1PI wetland	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	53	Cut stump and applied herbicide as necessary	November-11	
806	A1PI wetland - basin 4	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	54	Cut stump and applied herbicide as necessary	November-11	
807	Summe gate south of A1PI	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	55	Cut stump and applied herbicide as necessary	November-11	
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	Cut stump and applied herbicide as necessary	November-11	
811	East perimeter	No	Honeysuckle	9/2/2009	September 2009 quarterly field walkdown	61	Cut stump and applied herbicide as necessary	November-11	
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	No action necessary	December-11	New access for NRT project
821	Access V7	No	Remove culvert and abandon access	10/1/2009	Casual observation	na	No action necessary	December-11	New access for NRT project
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	Tubes removed	December-11	
869	A8PII	No	Wooden post	12/14/2009	December 2009 quarterly field walkdown	24			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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	Herbicide applied	April-11	
922	West end of pond	No	Teasel	3/11/2010	March 2010 quarterly field walkdown	4	Herbicide applied	April-11	
923	West end of pond	No	Teasel	3/11/2010	March 2010 quarterly field walkdown	5	Herbicide applied	April-11	
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	Herbicide applied	April-11	
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			
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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	Herbicide applied	May-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	Herbicide applied	May-11	
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			
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1008	South pines along access road	No	Honeysuckle all along road	6/2/2010	June 2010 quarterly field walkdown	40	Herbicide applied	May-11	
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	Herbicide applied	May-11	
1024	Near valve house on access road north of SWRB	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	56	Herbicide applied	May-11	
1025	Along access road	No	Teasel	6/2/2010	June 2010 quarterly field walkdown	57	Herbicide applied	May-11	
1026	Along access road	No	Honeysuckle	6/2/2010	June 2010 quarterly field walkdown	58	Herbicide applied	May-11	
1027	Along access road	No	Thistle	6/2/2010	June 2010 quarterly field walkdown	59	Herbicide applied	May-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.
1090	Lodge pond basin – west	No	Downed cages	9/8/2010	September 2010 quarterly field walkdown	1	Cages removed	November-11	
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	Herbicide applied	June-11	
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	Herbicide applied	June-11	
1096	North pines east fence south side	No	Fence down (tree on fence)	9/8/2010	September 2010 quarterly field walkdown	7			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1097	North Bend prairie – east	No	Canada and musk thistle	9/8/2010	September 2010 quarterly field walkdown	8	Herbicide applied	September-11	
1098	North Bend prairie – middle	No	Musk thistle	9/8/2010	September 2010 quarterly field walkdown	9	Herbicide applied	September-11	
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	Herbicide applied	May-11	
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	Cut stump and applied herbicide as necessary	November-11	
1108	Across from Cell 5	No	Flowering pear (several flags – unlabeled)	9/8/2010	September 2010 quarterly field walkdown	19	Cut stump and applied herbicide as necessary	November-11	
1109	Across from Cell 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	20	Cut stump and applied herbicide as necessary	November-11	
1110	Across from Cell 3	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	21	Cut stump and applied herbicide as necessary	November-11	
1111	Near Summe's access gate	No	Narrow leaf cattail	9/8/2010	September 2010 quarterly field walkdown	22	No action necessary	December-11	
1112	AIPI SW of basin 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	23	Cut stump and applied herbicide as necessary	November-11	
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	No action necessary	December-11	
1115	Swale in Basin 2	No	Narrow leaf cattail	9/8/2010	September 2010 quarterly field walkdown	26	No action necessary	December-11	
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1119	AIPI basin 6	No	Phragmites, Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	31	Herbicide applied	10/3/2011	
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	Cut stump and applied herbicide as necessary	November-11	
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	Cut stump and applied herbicide as necessary	November-11	
1126	East side across from cell 4	No	Multiflora rose	9/8/2010	September 2010 quarterly field walkdown	39	Cut stump and applied herbicide as necessary	November-11	
1127	East side across from cell 3	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	40	Cut stump and applied herbicide as necessary	November-11	
1128	East side across from cell 3	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	41	Cut stump and applied herbicide as necessary	November-11	
1129	AIPI southeast of basin 4	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	42	Cut stump and applied herbicide as necessary	November-11	
1130	AIPI Basins 3 and 2	No	Honeysuckle and pear	9/8/2010	September 2010 quarterly field walkdown	43	Cut stump and applied herbicide as necessary	November-11	
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 action necessary	December-11	
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	Mowed	May-11	
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	Vegetation cleared	November-11	
1144	Interior vehicle access VR		Attachment broken	9/7/2010	September 2010 point-specific IC inspection	na			Temporarily repaired

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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	Herbicide applied	June-11	
1179	EP Cell 5	no	Woody vegetation – outside fence	12/7/2010	December 2010 OSDF Inspection	JF6	Cut stump and applied herbicide as necessary	November-11	
1180	EP Cell 5	no	Woody vegetation – outside fence	12/7/2010	December 2010 OSDF Inspection	JF7	Cut stump and applied herbicide as necessary	November-11	
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.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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	Herbicide applied	June-11	
1198	Former Production Area	No	Teasel patches	3/1/2011	March 2011 quarterly field walkdown	5	Herbicide applied	May-11	
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	Herbicide applied	April-11	
1202	West of Swan Pond	No	Teasel	3/1/2011	March 2011 quarterly field walkdown	17	Herbicide applied	April-11	
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	Vegetation cleared	November-11	
1211	Cell 5/6, east toe	No	Broken survey marker	3/8/2011	March 2011 OSDF Inspection	JC1			
1215	SWP	No	Lots of woody trees	3/8/2011	March 2011 OSDF Inspection	DN14	Cut stump and applied herbicide as necessary	November-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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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	Herbicide applied	September-11	
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	Vegetation cleared	November-11	
1246	Access Gate VU	No	Broken spring (does not affect barricade)	6/2/2011	June 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
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			
1279	NE corner fence	No	Trees in fence	6/14/2011	June 2011 OSDF Inspection	DN6	Cut stump and applied herbicide as necessary	11/1/2011	
1280	East fence, cell 2	No	Willows	6/14/2011	June 2011 OSDF Inspection	DN8	Cut stump and applied herbicide as necessary	11/1/2011	
1281	SW corner fence	No	Tree in fence	6/14/2011	June 2011 OSDF Inspection	DN12	Cut stump and applied herbicide as necessary	11/1/2011	
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	Cut stump and applied herbicide as necessary	November-11	
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1298	Restoration storage shed	No	Bottom of corner trim lost bolt.	9/8/2011	September 2011 point-specific IC inspection	na			
1299	East drainage, Cell 4	No	Willows in drainage	9/13/2011	September 2011 OSDF Inspection	SB1	Cut stump and applied herbicide as necessary	11/1/2011	
1300	East drainage, Cell 6	No	Willows in drainage	9/13/2011	September 2011 OSDF Inspection	SB2	Cut stump and applied herbicide as necessary	11/1/2011	
1301	East drainage, Cell 7	No	Willows in drainage	9/13/2011	September 2011 OSDF Inspection	SB3	Cut stump and applied herbicide as necessary	11/1/2011	
1302	NE top, Cell 8	No	Sumac	9/13/2011	September 2011 OSDF Inspection	SB4	Cell cap mowed	10/10/2011	
1303	Eastern slope, Cell 8	No	Honeysuckle	9/13/2011	September 2011 OSDF Inspection	SB5	Cell cap mowed	10/10/2011	
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			
1307	West Cell 7, 6:1 (top)	No	Woody vegetation, honeysuckle	9/13/2011	September 2011 OSDF Inspection	BL4	Cell cap mowed	10/10/2011	
1308	West Cell 8, 6:1 (top)	No	Woody vegetation, honeysuckle	9/13/2011	September 2011 OSDF Inspection	BL5	Cell cap mowed	10/10/2011	
1309	West drain, south of VH8	No	Woody vegetation, cottonwood	9/13/2011	September 2011 OSDF Inspection	BL6	Cut stump and applied herbicide as necessary	November-11	
1310	West drain, north of VH2	No	Woody vegetation, honeysuckle	9/13/2011	September 2011 OSDF Inspection	BL7			
1311	East drain, Cell 8	No	Cottonwood next to fence	9/13/2011	September 2011 OSDF Inspection	DB1	Cut stump and applied herbicide as necessary	November-11	
1312	West drain, Cell 8	No	Cottonwood next to fence	9/13/2011	September 2011 OSDF Inspection	DB2	Cut stump and applied herbicide as necessary	November-11	
1313	North drain	No	Woody vegetation	9/13/2011	September 2011 OSDF Inspection	JH1	Cut stump and applied herbicide as necessary	11/8/2011	
1314	NE corner Cell 1	No	Woody vegetation	9/13/2011	September 2011 OSDF Inspection	JH2	Cut stump and applied herbicide as necessary	11/1/2011	
1315	Toe, east Cell 2	No	Erosion	9/13/2011	September 2011 OSDF Inspection	JH3			
1316	Toe, east Cell 6	No	Woody vegetation	9/13/2011	September 2011 OSDF Inspection	JH4	Cut stump and applied herbicide as necessary	11/8/2011	
1317	East Cell 8, 6:1	No	Woody vegetation	9/13/2011	September 2011 OSDF Inspection	JH5	Cell cap mowed	10/10/2011	
1318	North drain	No	Phragmites	9/13/2011	September 2011 OSDF Inspection	LM1	Herbicide applied	10/3/2011	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1319	East drain, Cell 5	No	Phragmites	9/13/2011	September 2011 OSDF Inspection	LM2	Herbicide applied	10/3/2011	
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			
1323	East drain, Cell 2	No	Thistle (thorny w/ purple flower)	9/13/2011	September 2011 OSDF Inspection	BG4	Herbicide applied	September-11	
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			
1326	East fence, Cell 5	No	Concrete base of post (2)	9/13/2011	September 2011 OSDF Inspection	BG7			
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			
1329	South fence	No	Concrete base of post	9/13/2011	September 2011 OSDF Inspection	BG10			
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			
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			

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