7333

Department of Energy
Washington, DC 20585

April 17, 2012

Mr. Timothy Fischer
U.S. Environmental Protection Agency
Region V-SRF-6J
77 W. Jackson Blvd.
Chicago, IL 60604-3590

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

Dear Mr. Fischer and Mr. Schneider:

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

The purpose of this letter is to transmit the completed forms for the March 2012 inspection of the On-Site Disposal Facility (OSDF). The inspection was conducted on March 13, 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 Department of Energy, 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 March 2012 inspection included a walk of the toe, the drainages, and fence line and an east/west transect walk of cell caps 7 and 8.

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 rocks and vegetation, including the presence of woody vegetation. 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.

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

Printed with soy ink on recycled paper

If you have any questions or require additional information, please call me at (720) 880-4349. Please send any correspondence to:

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

Sincerely,

Gwen Hooten
Acting 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:
T. Pauling, DOE-LM
K. Reed, DOE-LM
B. Hertel, Stoller
J. Homer, Stoller
L. McHenry, Stoller

On-Site Disposal Facility Inspection Report

March 2012

U.S. DEPARTMENT OF ENERGY

Legacy Management

8894.1

03/12

East Face Cell 1

West Face Cell 1

North Face Cell 1

North Drainage (looking west)

East Face Cell 2

West Face Cell 2

East Face Cell 3

West Face Cell 3

East Face Cell 4

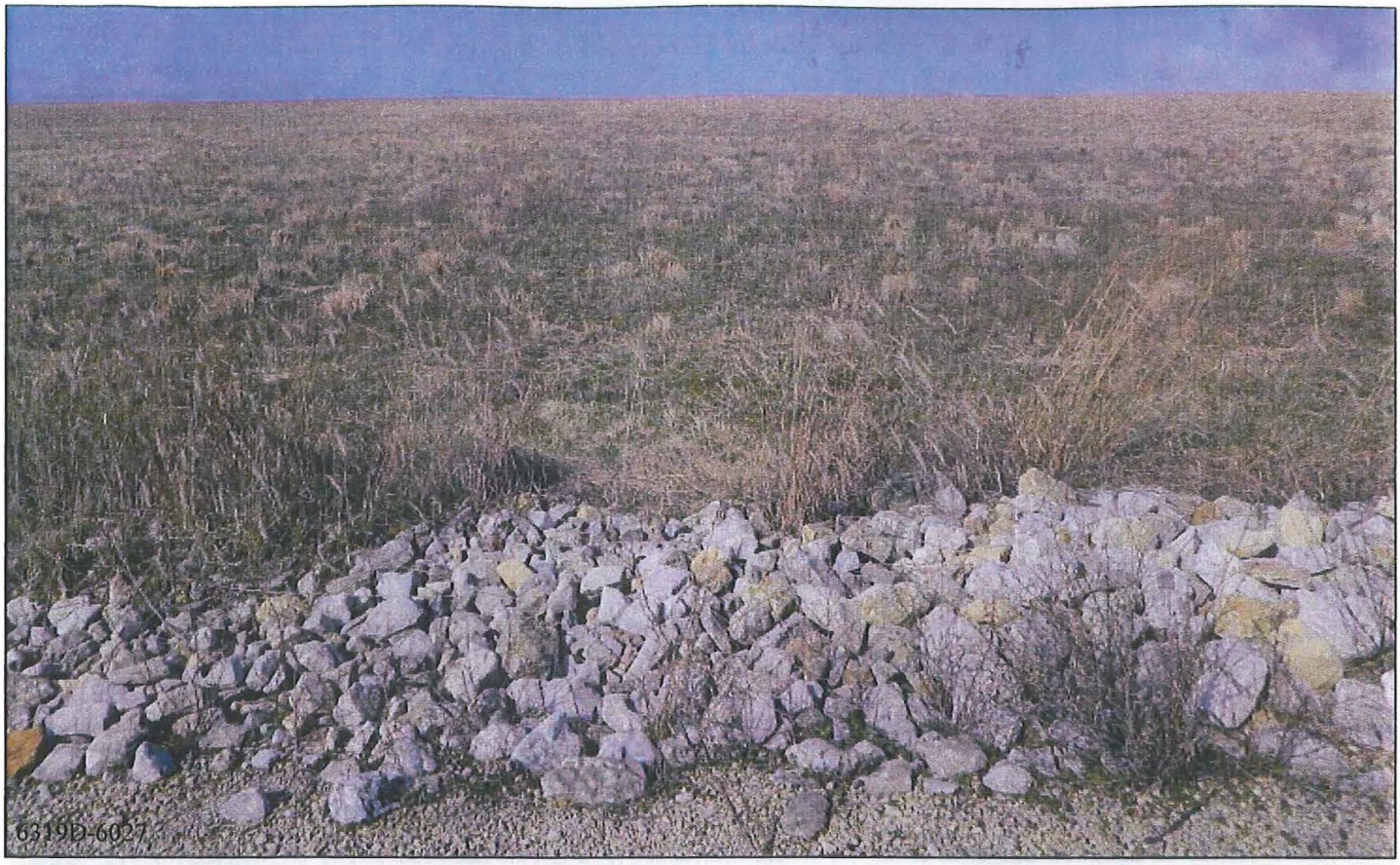
West Face Cell 4

East Face Cell 5

West Face Cell 5

East Face Cell 6

West Face Cell 6



East Face Cell 7

West Face Cell 7

East Face Cell 8

West Face Cell 8

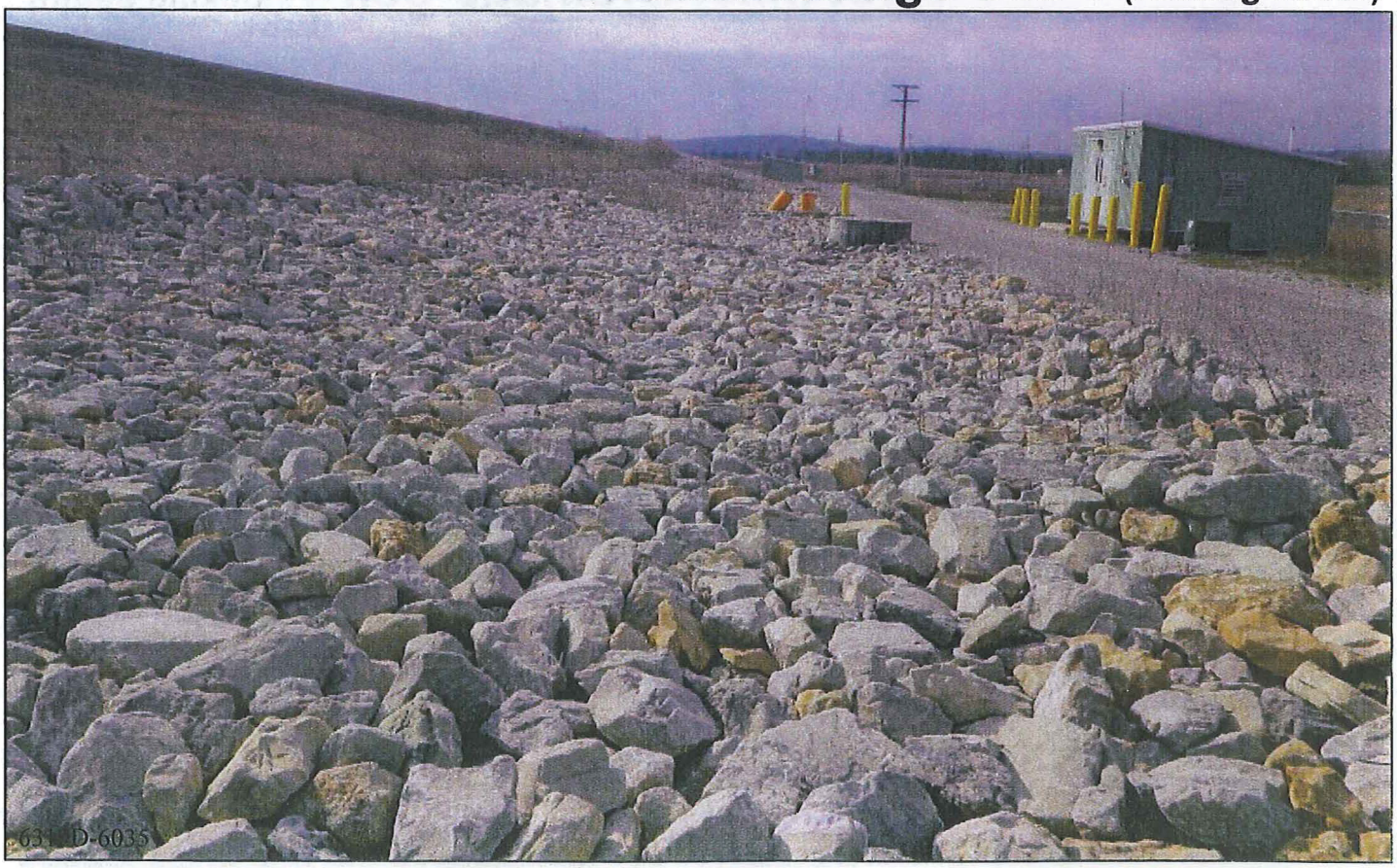
South Face Cell 8

South Drainage (looking west)

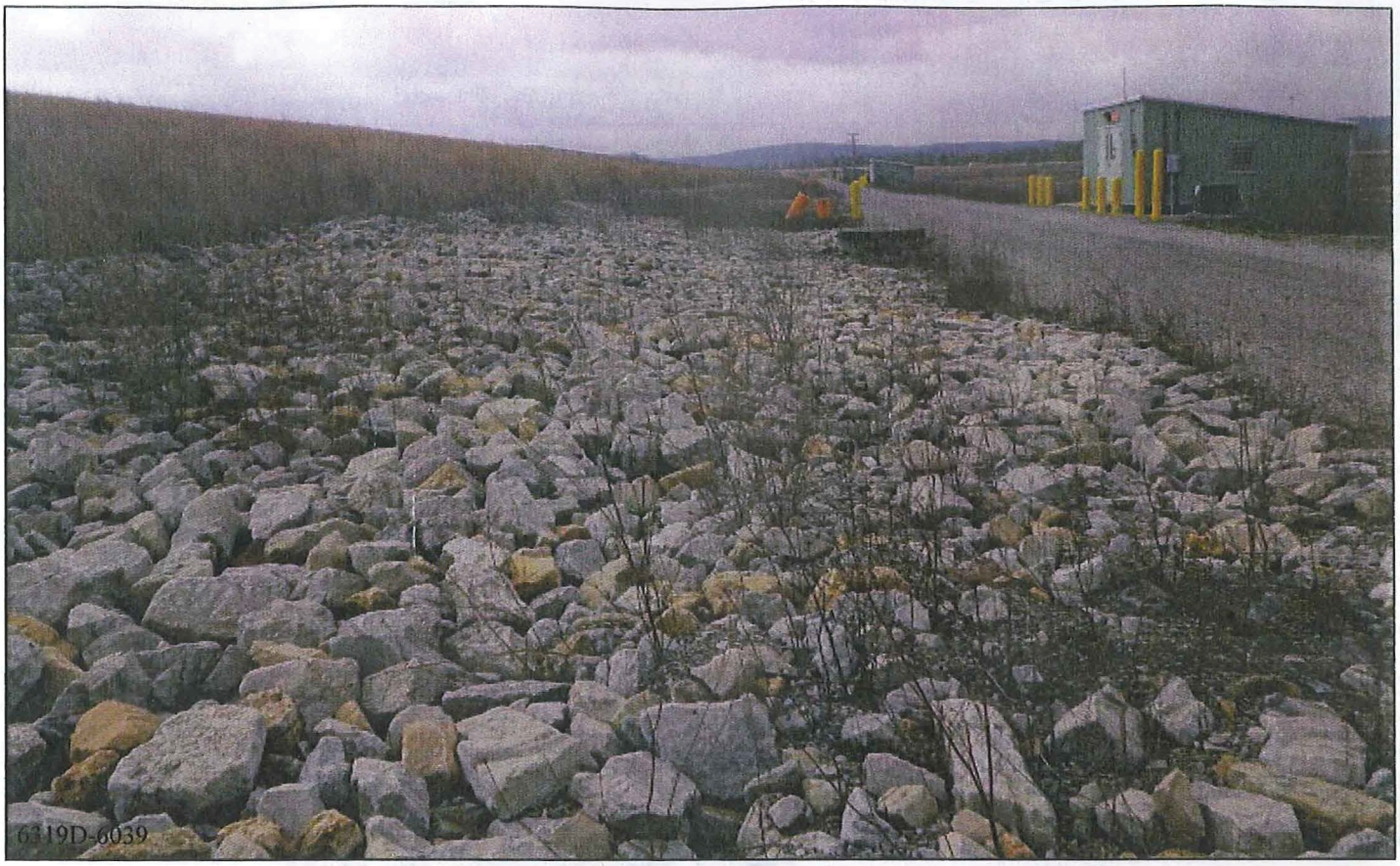
East Drainage Cell 7 (looking south)

East Drainage Cell 4 (looking south)

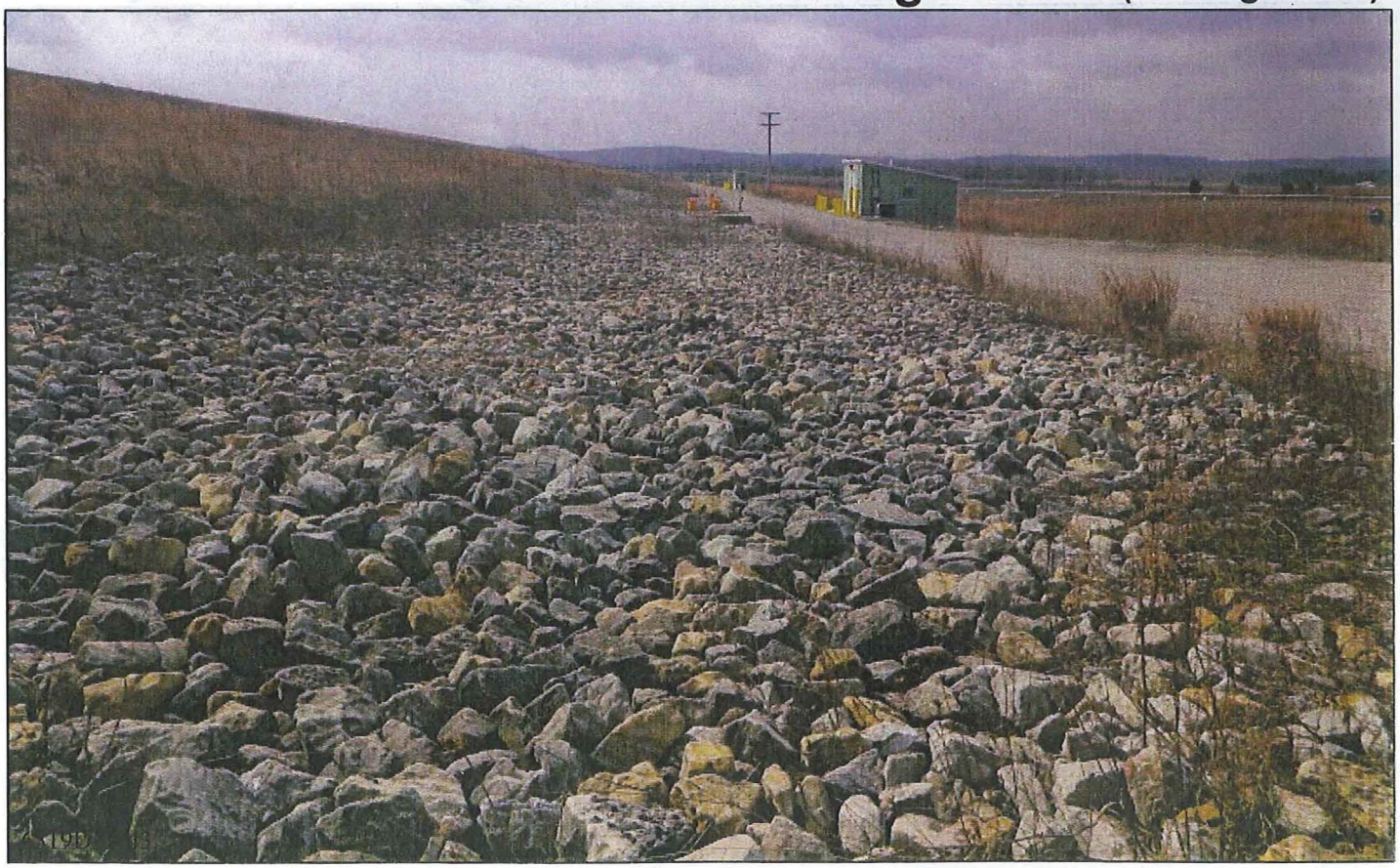
East Drainage Cell 1 (looking south)



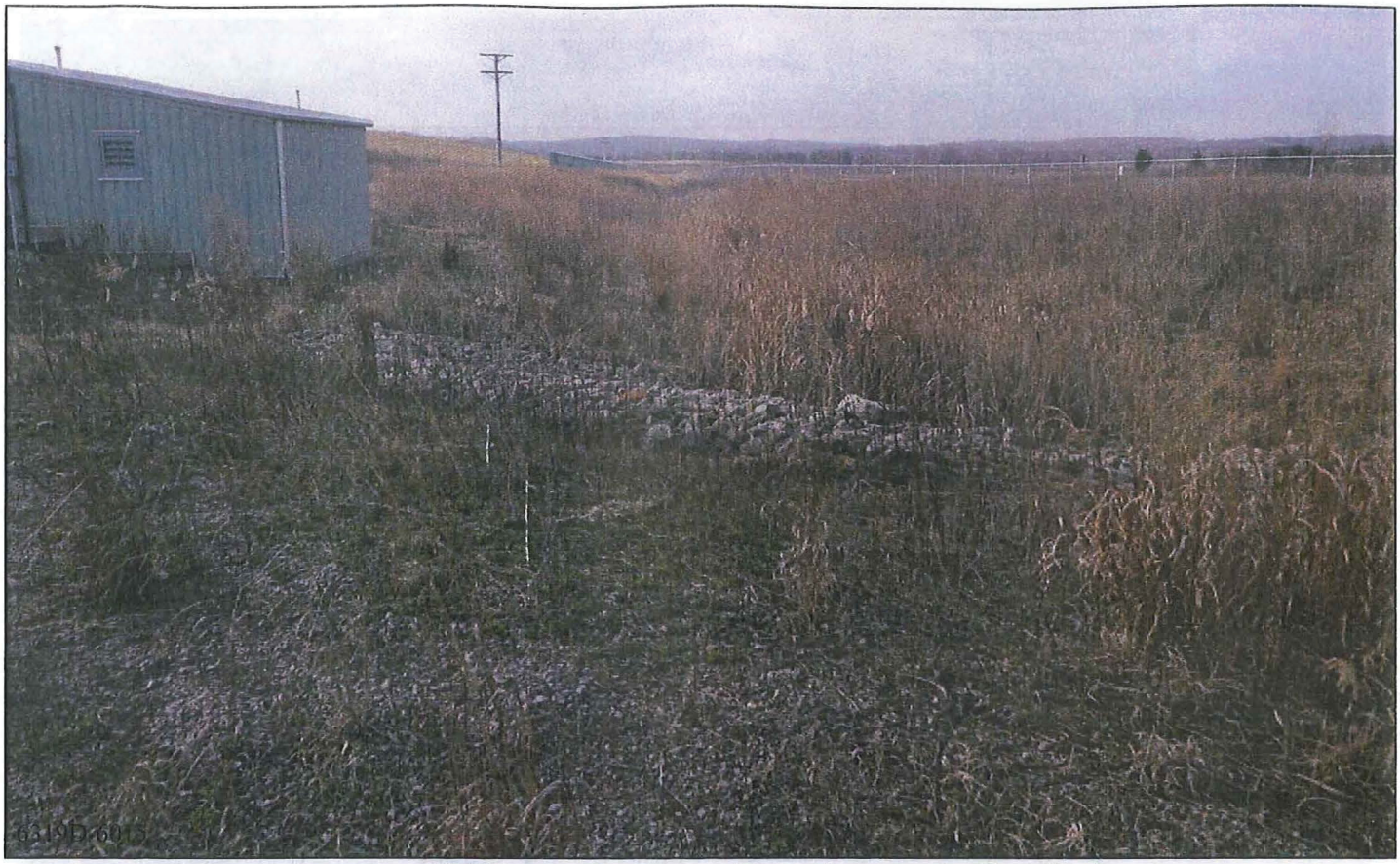
West Inner Drainage Cell 7 (looking south)



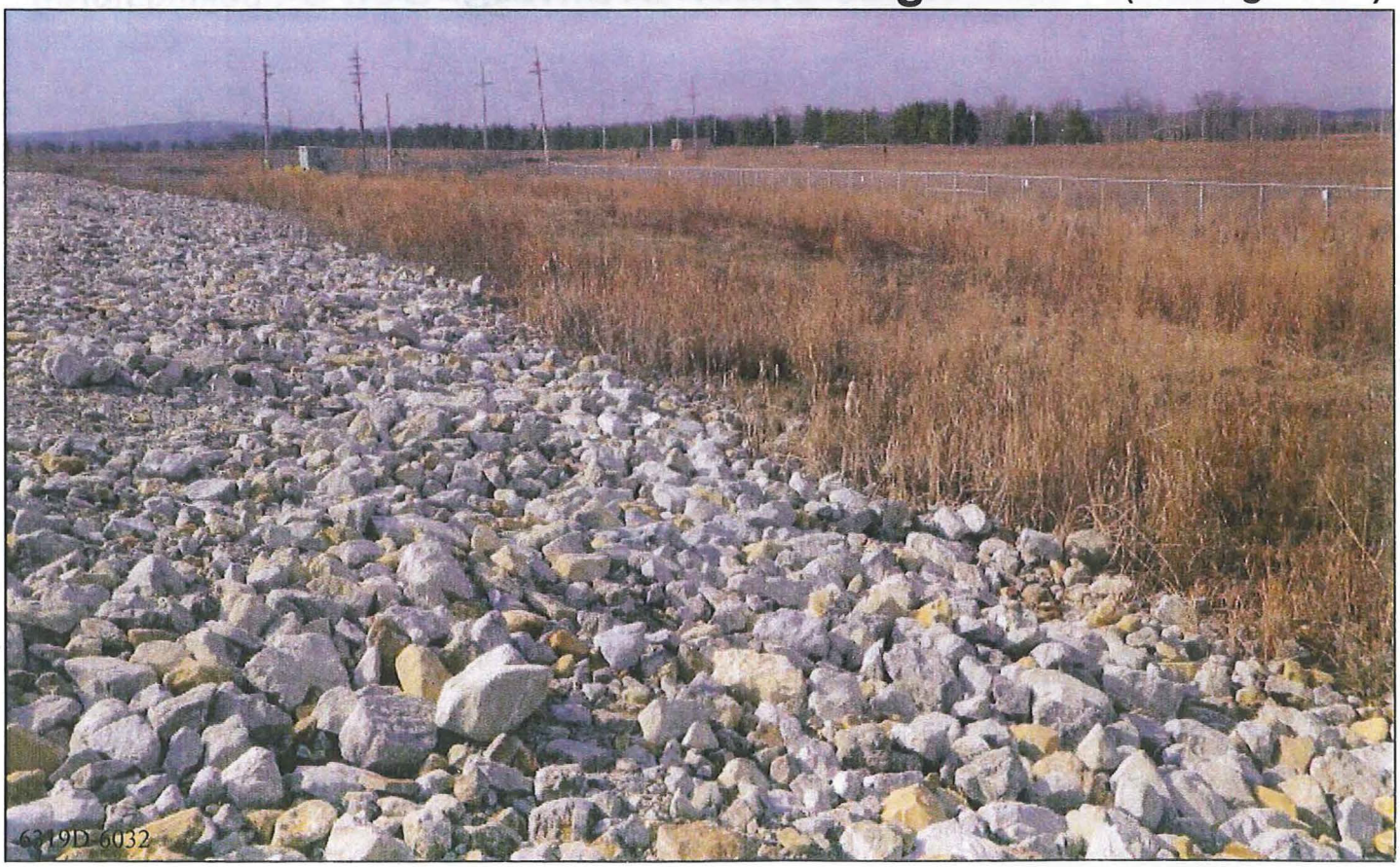
West Inner Drainage Cell 4 (looking south)



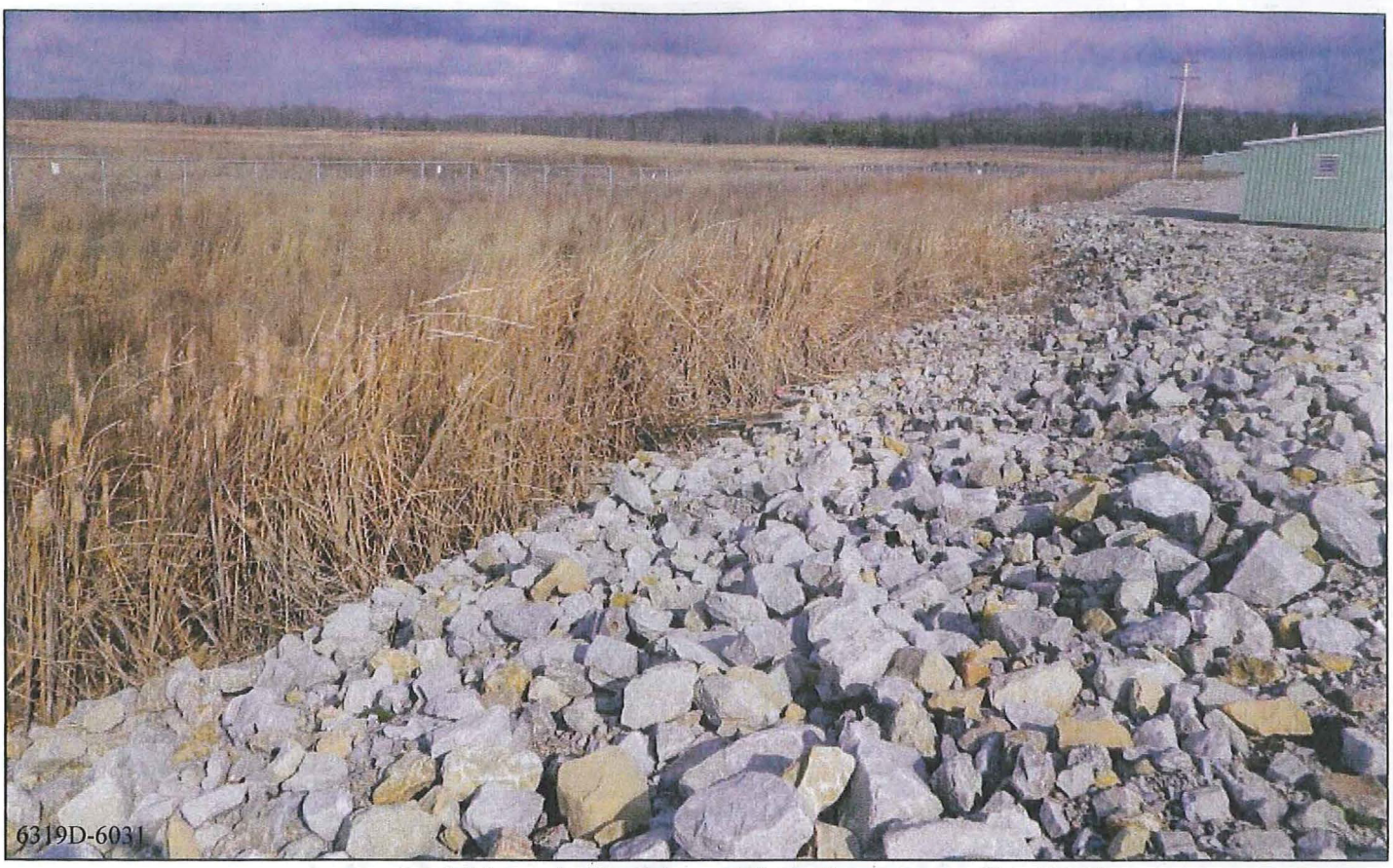
West Inner Drainage Cell 1 (looking south)



West Outer Drainage Cell 1 (looking south)



West Outer Drainage Cell 8 (looking south)



West Outer Drainage Cell 8 (looking north)

U.S. Department of Energy Office of Legacy Management

Fernald Preserve OSDF Walkdown Inspection

Date 3-13-2012 Inspector SM Stoller, DOE, ODH, Ohio EPA Cell Cap/Area Toe, drainage, fence line, cell caps 7 and 8

			Type of Finding								Follow Up		
No.	Location (Use Map Whenever Possible)	GPS ?	Erosion	Settlement	Vegetation	Biointrusion	Drainage	Other	Description	Photo? (File No.)	Corrected	Maintenance Req'd	Cont. Observation
GH1	SW corner	NO			X				Thistle			X	
GH2	SE corner	NO						X	Rock			X	
AD1	Cell 8 – south face	NO						X	Rock			X	
AD2	Cell 8 – west face	NO						X	Rock			X	
HB1	Cell 6 – west	NO			X				Thistle			X	
HB2	Cell 8 – south	NO			X				Thistle			X	
HB3	Cell 8 – south	NO						X	Brick			X	
LH1	Cell 4 – west toe	YES			X		X		Cattails/water in rip rap	1141			X
LH2	Cell 6 – west toe	YES			X		X		Grass and puddle	1143			X
LH3	Cell 6/7 – west toe	YES					X		Standing water in rip rap	1144			X
LH4	Cell 7 – east	YES	X						Small erosion rill, long but shallow	1142			X
DB1	Cell 7 – west (mid)	NO			X				Small patch (yellow rocket)		X		
HS1	North fence	NO						X	Sign down on fence			X	
HS2	North drain	NO			X				Cedar			X	
HS3	North drain	NO			X				Rosa			X	
HS4	North drain	NO			X				Cedar			X	
HS5	North drain	NO			X				Cedar			X	
HS6	North drain	NO			X				Rosa/honeysuckle in fence			X	
HS7	North drain	NO			X				Rosa/grapevine in fence			X	
HS8	North drain	NO			X				Dogwood			X	
HS9	East fence line	NO			X				Cedar			X	
HS10	East fence line	NO						X	Black pipe			X	
HS11	East fence line	NO			X				Cedars			X	
HS12	East fence line	NO						X	Barb arm off fence			X	
HS13	East fence line	NO			X				Cottonwoods			X	
HS14	East fence line	NO						X	Concrete			X	
HS15	South drainage	NO			X				Multiflora rose			X	
HS16	SW corner drain	NO						X	Debris build up in drain			X	
HS17	SW corner	NO			X				Vegetation budding			X	
HS18	West fence line	NO	X						Erosion			X	
HS19	West of VH 7	NO						X	Black culvert pipe exposed				X
HS20	West fence Cell 6 (drain)	NO			X				Willows			X	
HS21	West fence Cell 4 (at drain)	NO			X				Cedar			X	
HS22	VH3	NO						X	Drain pipe on building is down			X	
HS23	West of VH1	NO			X				Multiflora Rose			X	

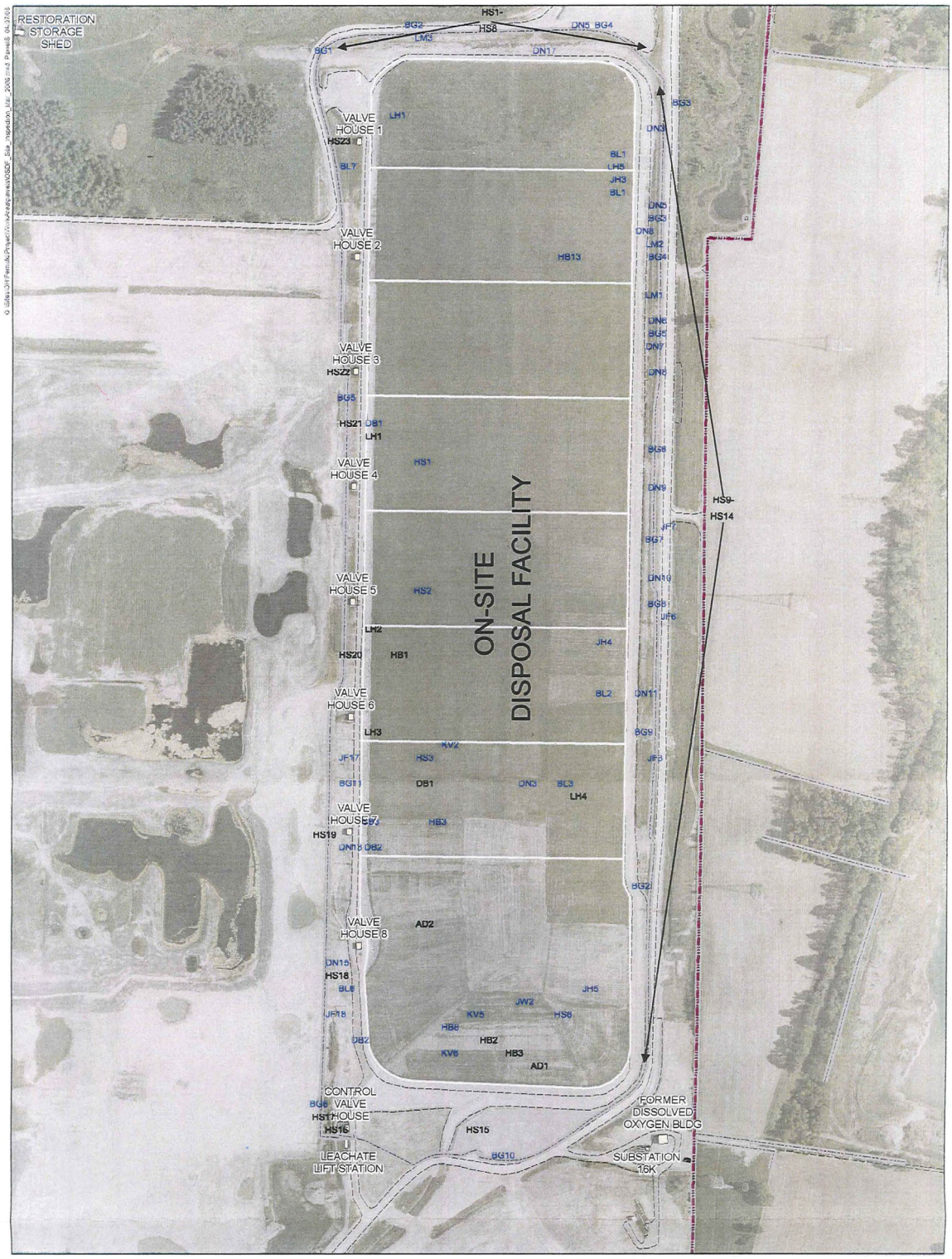
Fernald Preserve OSDF Walkdown Inspection (continued)

Date 12-13-2011 Inspector SM Stoller, DOE, Ohio EPA Cell Cap/Area Entire cap, toe, drainage and fenceline

Additional Notes

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

No. HS16: Need to rebuild the footer around the drain.



Legend

- Building
- Fernald Preserve Boundary
- Fence
- OSDF Final Cover Outline
- Road-Paved
- Road-gravel

200 100 0 200 400 Feet

Fernald Preserve
OSDF (On-Site Disposal Facility)

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

FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

APRIL 2012 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	Removed cages as necessary	1/31/2012	
646	Waste pits	No	Erosion matting rolls	3/3/2009	March 2009 quarterly field walkdown	44	Cleared rolls and plastic covering	1/31/2012	
650	Waste pits - east	No	A lot of trash blown around	3/3/2009	March 2009 quarterly field walkdown	48	Picked up trash	1/31/2012	
687	Roads and parking areas	No	Paint is wearing in some areas	3/18/2009	March 2009 point-specific IC inspection	NA	No action at this time	1/31/2012	Address when road is repaved
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			
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			
799	East side of Lodge Pond	No	T-posts in rows - not sure of purpose.	9/2/2009	September 2009 quarterly field walkdown	44			
802	North pines east deer fence	No	Teasel and thistle	9/2/2009	September 2009 quarterly field walkdown	47			
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			
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	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			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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			
919	South bank of Union Pond	No	Erosion rill	3/11/2010	March 2010 quarterly field walkdown	1	Install willow stakes and fascines	2/6/2012	
929	Edge (west) of North Drainage Ditch	No	T-post	3/11/2010	March 2010 quarterly field walkdown	11	No action necessary - post previously removed	2/6/2012	
930	Edge of access road	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	12	Installed culvert	2/7/2012	
931	Edge of road by CAWWT	No	Orange fence	3/11/2010	March 2010 quarterly field walkdown	13	Cleared fencing	2/1/2012	
932	Southwest of Main Drainage Corridor outlet	No	Rutting	3/11/2010	March 2010 quarterly field walkdown	14	No action necessary at this time	2/1/2012	Vegetation well established. Continue to monitor
933	Main Drainage Corridor	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	15	Erosion repaired	October-12	
934	East of Swan Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	16	Installed willow stakes	2/6/2012	
935	Southeast of Union Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	17	No action necessary at this time	February-12	Vegetation well established. Continue to monitor
939	South of Union Pond	No	Erosion greater than 1 foot	3/11/2010	March 2010 quarterly field walkdown	21	Installed willow stakes	2/6/2012	
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	Installed willow stakes	2/6/2012	
943	East bank of drainage	No	Thistle	3/11/2010	March 2010 quarterly field walkdown	25			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
946	Southwest corner of Swan Pond	No	Erosion	3/11/2010	March 2010 quarterly field walkdown	29	No action necessary at this time	2/1/2012	Vegetation well established. Continue to monitor
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	Gate hung back up	1/31/2012	
969	Island in pond	No	Erosion and lack of vegetation	6/2/2010	June 2010 quarterly field walkdown	2			
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			
1009	Drainage along access road along south pines	No	Bare area (no veg.)	6/2/2010	June 2010 quarterly field walkdown	41			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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.
1091	Lodge pond basin – center	No	Invasive Schoeneplectus	9/8/2010	September 2010 quarterly field walkdown	2			
1093	North pines deer fence	No	Hole in fence	9/8/2010	September 2010 quarterly field walkdown	4			
1096	North pines east fence south side	No	Fence down (tree on fence)	9/8/2010	September 2010 quarterly field walkdown	7			
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			
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			
1113	Across from Cell 1/2 boundary	No	Honeysuckle	9/8/2010	September 2010 quarterly field walkdown	24			
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
1122	North pines along Rt. 126	No	Honeysuckle, Johnson grass, pear, thistle	9/8/2010	September 2010 quarterly field walkdown	34			
1124	East property fence	No	Poison ivy all along fence	9/8/2010	September 2010 quarterly field walkdown	37			
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			
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			
1141	Perimeter sign S1		Sign leaning, perhaps hit with mower or vehicle	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
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			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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	Pulled fences and posts	2/1/2012	
1199	Waste Pits	No	Trash	3/1/2011	March 2011 quarterly field walkdown	7	Picked up trash	1/31/2012	
1200	Former rail yard	No	Broken culvert	3/1/2011	March 2011 quarterly field walkdown	10	Cleaned out culvert, no other action necessary	2/1/2012	Culvert functioning properly following clean-out
1203	North Access	No	trash at entrance	3/8/2011	March 2011 point-specific IC inspection	na	Picked up trash	2/15/2012	
1204	Perimeter Signs S4, S12, S62, S69	No	signs are leaning over	3/8/2011	March 2011 point-specific IC inspection	na			
1211	Cell 5/6, east toe	No	Broken survey marker	3/8/2011	March 2011 OSDF Inspection	JC1			
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			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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			
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			
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			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
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			
1340	A8PII Paddys Run west bank	No	Bottles/trash caught in fence	12/1/2011	December 2011 Site Inspection	11			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
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			
1358	Cell 5 (west)	No	Teasel	12/13/2011	December 2011 OSDF Inspection	HS2			
1359	Cell 6 (west)	No	Thistle	12/13/2011	December 2011 OSDF Inspection	HS3			
1360	Cell 8 (SE corner)	No	Thistle	12/13/2011	December 2011 OSDF Inspection	HS6			
1361	Between VH 3 and 4	No	Woody vegetation in rocks	12/13/2011	December 2011 OSDF Inspection	DB1			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1362	Cell 7/8 (west)	No	Cell marker at toe seems loose	12/13/2011	December 2011 OSDF Inspection	DB2			
1363	Cell 7	No	Thistle	12/13/2011	December 2011 OSDF Inspection	KV2			
1364	Cell 8 (SW)	No	Thistle	12/13/2011	December 2011 OSDF Inspection	KV5			
1365	Cell 8 (SW)	No	Thistle	12/13/2011	December 2011 OSDF Inspection	KV6			
1366	Cell 2	No	Burrow	12/13/2011	December 2011 OSDF Inspection	HB2			
1367	Cell 8	No	Thistle area	12/13/2011	December 2011 OSDF Inspection	HB8			
1368	Cell 2	No	Cedar	12/13/2011	December 2011 OSDF Inspection	HB13			
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			
1373	Between VH 3 and 4	No	Tree	12/13/2011	December 2011 OSDF Inspection	BG5			
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			
1376	Waste Pits, east slope of pond	No	Deer cages down	3/6/2012	March 2012 Site Inspection	3			
1377	Waste Pits, along road	No	Debris	3/6/2012	March 2012 Site Inspection	4			
1378	Waste Pits, east end Pit 5	No	Debris	3/6/2012	March 2012 Site Inspection	5			
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			
1382	Production Area	No	Debris	3/6/2012	March 2012 Site Inspection	11			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1383	Waste Pits, north Pit 3	No	Erosion	3/6/2012	March 2012 Site Inspection	12			
1384	Waste Pits, north Pit 5	No	Asbestos and concrete debris	3/6/2012	March 2012 Site Inspection	13			
1385	Waste Pits, north Pit 5	No	Concrete debris (large)	3/6/2012	March 2012 Site Inspection	14			
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			
1389	Waste Pits, east end Pit 5	No	Clay tile	3/6/2012	March 2012 Site Inspection	18			
1390	Waste Pits, north Pit 5	No	Erosion	3/6/2012	March 2012 Site Inspection	19			
1391	Waste Pits, northeast	No	Matting	3/6/2012	March 2012 Site Inspection	20			
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			
1401	Drainage	No	Thistle rosettes	3/6/2012	March 2012 Site Inspection	34			
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			

No.	Location	GPS?	Maintenance Item Identified	Date Identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1404	NE corner waste pit 3	No	Thistle and teasel	3/6/2012	March 2012 Site Inspection	37			
1405	NE corner of pond	No	Concrete block	3/6/2012	March 2012 Site Inspection	38			
1406	East of trail in firebreak	No	Debris	3/6/2012	March 2012 Site Inspection	39			
1407	East of trail	No	Debris	3/6/2012	March 2012 Site Inspection	40			
1408	NW corner of Swan Pond	No	Debris	3/6/2012	March 2012 Site Inspection	41			
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			
1412	S bank of pond E of CAWWT	No	Debris	3/6/2012	March 2012 Site Inspection	45			
1413	N of Bio-wetland	No	Debris	3/6/2012	March 2012 Site Inspection	46			
1414	N of Bio-wetland (no flag)	No	Buried plastic (1/2 ball)	3/6/2012	March 2012 Site Inspection	47			
1415	N of Bio-wetland (down in swale)	No	Asphalt and debris	3/6/2012	March 2012 Site Inspection	48			
1416	N of Bio-wetland and swale	No	Asphalt	3/6/2012	March 2012 Site Inspection	49			
1417	N of Bio-wetland (S of swale)	No	Rock or concrete	3/6/2012	March 2012 Site Inspection	50			
1418	North of Visitors Center along trail	No	Wire	3/6/2012	March 2012 Site Inspection	53			
1419	NE of Visitors Center Pond	No	Glazed tile	3/6/2012	March 2012 Site Inspection	57			
1420	NE of Visitors Center Pond	No	Concrete (pink flag)	3/6/2012	March 2012 Site Inspection	58			
1421	NE of CAWWT	No	Concrete debris (pink flag)	3/6/2012	March 2012 Site Inspection	59			
1422	NE of CAWWT	No	Concrete debris and asphalt	3/6/2012	March 2012 Site Inspection	60			
1423	NE of CAWWT	No	asphalt	3/6/2012	March 2012 Site Inspection	61			
1424	Well hill at pond at Visitors Center	No	Placed garbage	3/6/2012	March 2012 Site Inspection	62			

No.	Location	GPS?	Maintenance Item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1425	Perimeter sign S1	No	Sign is leaning	3/15/2012	March 2012 point-specific IC inspection	na			
1426	Perimeter sign S49	No	Sign not visible due to vegetation	3/15/2012	March 2012 point-specific IC inspection	na			
1427	SW corner	No	Thistle	3/13/2012	March 2012 OSDF Inspection	GH1			
1428	SE corner	No	Rock	3/13/2012	March 2012 OSDF Inspection	GH2			
1429	Cell 8 – south face	No	Rock	3/13/2012	March 2012 OSDF Inspection	AD1			
1430	Cell 8 – west face	No	Rock	3/13/2012	March 2012 OSDF Inspection	AD2			
1431	Cell 6 – west	No	Thistle	3/13/2012	March 2012 OSDF Inspection	HB1			
1432	Cell 8 – south	No	Thistle	3/13/2012	March 2012 OSDF Inspection	HB2			
1433	Cell 8 – south	No	Brick	3/13/2012	March 2012 OSDF Inspection	HB3			
1434	North fence	No	Sign down on fence	3/13/2012	March 2012 OSDF Inspection	HS1			
1435	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS2			
1436	North drain	No	Rosa	3/13/2012	March 2012 OSDF Inspection	HS3			
1437	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS4			
1438	North drain	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS5			
1439	North drain	No	Rosa/honeysuckle in fence	3/13/2012	March 2012 OSDF Inspection	HS6			
1440	North drain	No	Rosa/grapevine in fence	3/13/2012	March 2012 OSDF Inspection	HS7			
1441	North drain	No	Dogwood	3/13/2012	March 2012 OSDF Inspection	HS8			
1442	East fence line	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS9			
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			
1445	East fence line	No	Barb arm off fence	3/13/2012	March 2012 OSDF Inspection	HS12			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
1446	East fence line	No	Cottonwoods	3/13/2012	March 2012 OSDF Inspection	HS13			
1447	East fence line	No	Concrete	3/13/2012	March 2012 OSDF Inspection	HS14			
1448	South drainage	No	Multiflora rose	3/13/2012	March 2012 OSDF Inspection	HS15			
1449	SW corner drain	No	Debris build up in drain	3/13/2012	March 2012 OSDF Inspection	HS16			
1450	SW corner	No	Vegetation budding	3/13/2012	March 2012 OSDF Inspection	HS17			
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			
1453	West fence Cell 4 (at drain)	No	Cedar	3/13/2012	March 2012 OSDF Inspection	HS21			
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			