7142

Department of Energy
Office of Legacy Management

September 29, 2008

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

Mr. Thomas Schneider, Project Manager
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Fischer and Mr. Schneider:

Subject: **Transmittal of the September 2008 Fernald Preserve On-Site Disposal Facility Inspection Forms**

The purpose of this letter is to transmit the completed forms for the September 2008 inspection of the On-Site Disposal Facility (OSDF) for your review. Photographs of the disposal facility and the surrounding area were taken to accompany the inspection and are included with this report. The inspection was conducted with participation from the Ohio Environmental Protection Agency, Civil and Environmental Consultants (CEC), and the S.M. Stoller Corporation.

The inspection process is described in the 2008 Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan (LMICP). The September 2008 inspection was an east/west transect walk down. 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. Items identified that require maintenance or continued observation are entered into the attached Fernald Preserve Maintenance and Repair Action Items form.

Pursuant to Volume II of the LMICP, herbaceous cover data was collected for Cell Cap 3. One one-meter square quadrat was randomly located within each of 12 grid locations across the Cell 3 Cap. The attached figure shows the location for each of these sampling locations. Within each quadrat, total cover and species richness data were collected. From this information, native species composition and relative frequency of native species was calculated. The attached table presents a summary of the Cell Cap 3 data.

The results of the Cell Cap 3 monitoring were positive. Cover was over 90 percent for all quadrats sampled. In addition, both percent native species and relative frequency of native species were calculated above 50 percent. While the vegetative cover of Cell Cap 3 does not represent the diversity of species originally seeded on the cap, it nevertheless consists of a dense stand of native warm season grasses and forbs. For comparison, 2007 Cell Cap 2 findings showed that while total cover was over 90 percent, native species composition was less than 50 percent. No data was collected on Cell Cap 2 in 2008. However, it appears through casual observation that the native mix of species has increased, and is now more consistent with the 2008 Cell Cap 3 findings (see attached photographs of Cell 2 and Cell 3).

The next OSDF Cell Cap inspection is scheduled for December 2008. If you have any questions or require additional information, please call me at (513) 648-3148.

Sincerely,

Jane Powell

Jane Powell
Fernald Preserve Manager
DOE-LM-20.1

Enclosure

cc w/enclosure:
M. Cullerton, Tetra Tech.
M. Murphy, USEPA-V, A-18J
T. Pauling, DOE (electronic)
T. Schneider, OEPA (three copies of enclosure)
M. Shupe, HSI GeoTrans
Project Record File (thru W. Sumner)
Administrative Records (thru W. Sumner)

cc w/o enclosure:
J. Homer, Stoller
F. Johnston, Stoller
M. Sizemore, Stoller

FERNALD PRESERVE OSDF WALKDOWN INSPECTION FORM

Date: 2-Sep-08 Inspector: Stoller, OEPA

Cell Cap/Area: _____ Sheet No. _____ of _____

			Type of Finding (see definitions back page)								Followup		
No.	Location (use map whenever possible)	GPS?	Erosion	Settlement	Vegetation	Biointrusion	Drainage	Other	Description	Photo? (file No.)	Corrected	Maint. Required	Cont. Observation
JH 1	Northwest slope of Cell 1	No						X	Dessication cracks				X
JH 2	North slope fo Cell 1	No						X	Dessication cracks				X
JH 3	North slope fo Cell 1	No						X	Dessication cracks				X
JH 4	North slope fo Cell 1	No						X	Rock			X	
JH 5	Northeast slope Cell 1	No			X				Canada thistle in various locations			X	
JH 6	West 6:1 Cell 5	No			X				Johnson grass			X	
JH 7	East 6:1 Cell 6	No			X				Bare spot			X	
JH 8	East 6:1 Cell 6	No			X				Canada thistle			X	
KB 1	3/4 Boundary Top	No				X			Biointrusion			X	
HB 1	East side Cell 1	No						X	Rock			X	
HB 2	East side Cell 2	No			X				Thistle			X	
JB 1	West side Cell 3	No				X			Burrow			X	
JB 2	West side Cell 6	No			X				Thistle			X	
JW 1	West side Cell 2	No			X				Thistle			X	
BL 1	North face near top Cell 1	No	X						Erosion			X	
BL 2	East face Cell 2	No			X				Woody shrub			X	
BL 3	East face Cell 8	No			X				Thistle			X	
LH 1	East toe Cell 1	No			X				Cottonwood trees			X	
LH 2	East face - middle - near top - Cell 5	No						X	Large buried rock with nearby tile			X	
LH 3	Top/west face border 7/8	No	X						Erosion rill (several) - flags from previous			X	
LH 4	West face Cell 7	No	X						Erosion rills up and down face Cell 7			X	
DB 2	Cell 5	No			X		X		Small woody plant			X	
DB 3	Cell 5	No			X		X		Across from valve house. Looks like it was sprayed.				X
DB 4	Cell 5 and 6	No			X		X		Group of cattails in drainage				
DB 5	Cell 6	No			X		X		Small woody plant (sprayed?)				X
DB 6	Cell 6 and 7	No			X		X		Small woody plant (sprayed?)				X

DB 7	Cell 6	No					X		Matting in rip rap			X	
DB 8	Cell 7 west	No			X		X		Small woody plant. Flag near Valve house 8			X	
DB 9	Cell 8 south	No			X		X		Lower drainage - large woody pland adjacent to exit Cell 8			X	
DB 10	Cell 8 south	No			X		X		Patch of cattails in lower drainage				
DB 11	Cell 8 east	No			X		X		Two small groups of woody vegetaion next to fence			X	
DB 12	Cell 8 east	No			X		X		Large woody plant east of cell in drainage			X	
DB 13	Cell 7	No						X	Matting coming through gravel at toe			X	
DB 14	East cell 5 - 6 - 7	No			X		X		Woody vegetation and cattails along east drain			X	
DB 15	East side	No			X		X		Marked with flag - edge of drain on cell			X	
DB 16	Cell 2	No			X		X		Woody vegetation in lower drain - east side			X	
DB 17	Cell 2	No			X		X		Large woody vegetation at edge of cell			X	
JF1	Cell 5 west	No			X				Thistle			X	
JF2	Cell 6 west - north end near top of 6:1	No				X			Groundhog Hole (Reference TS-13 - previous Insp.).			X	
JF3	Northwest perimeter/corner	No						X	Pile of geotextile and plastic just inside fence noted in last inspection (JF3) has been removed.	X			
JF4	North perimeter drainage ditch	No			X				1-2 ' cottonwood trees and 3-4' willow trees growing in the north drainage channel.			X	
JF5	East perimeter in ditch	No			X				Willows growing in east drainage channel.			X	
JF6	East perimeter in ditch	No			X				Woody vegetation with yellow flowers growing in east channel.			X	
JF7	East perimeter between ditch and fence east of Cells 7 and 8	No			X				Tall cottonwood trees growing between the east channel and east fence from the north end of Cell 7 to the south end of this area east of Cell 8.			X	
JF8	South perimeter - three discharge pipes	No			X				Woody vegetation growing around south ditch outlet. Sediment also checked at pipe inlet: Sediment good - no action necessary			X	
JF9	South perimeter - south end Cell 8	No						X	Geotextile debris 2 feet inside fence noted on last inspection (JF4) has been removed.	X			
JF10	West perimeter	No	X						Minor erosion at end of rip rap. Rip-Rap is filling in area of minor erosion nicely.				X
JF11	West perimeter	No			X				Thistle - some gone to seed, some not gone to seed.			X	
JF12	West perimeter	No	X						Erosion - greater than one foot. Be careful during repairs - Buried Pipe!			X	
JF13	West perimeter - southwest of valve house 8	No						X	Geotextile and aluminum can debris. Located due west of utility pole.			X	
JF14	West perimeter	No						X	Rutting behind Valve House No. 8.			X	
JF15	West perimeter - GIS outlet pipe	No	X						Erosion reported at fence and west of fence in previous inspection (JF13) was repaired.	X			
JF16	West perimeter - GIS outlet pipe	No	X						Erosion noted at fence post in previous inspection (JF14) was repaired.	X			
JF17	West perimeter - mound west of valve house 6	No				X			Groundhog hole. No recent activity.			X	
JF18	West perimeter northwest of valve house 4	No				X	X		Groundhog hole noted in previous inspection (JF17) was flattened. Regrading however; blocked the west drainage ditch. Contractor instructed to unblock drainage channel.			X	
JF19	West perimeter - northwest of valve house 4	No			X				Patch of Johnson grass.			X	
JF20	West perimeter drainage channel between valve house road and fence north	No			X				Johnson grass throughout this large area.			X	

Additional Notes

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RESTORATION STORAGE SHED

VALVE HOUSE 1

VALVE HOUSE 2

VALVE HOUSE 3

VALVE HOUSE 4

VALVE HOUSE 5

VALVE HOUSE 6

VALVE HOUSE 7

VALVE HOUSE 8

CONTROL VALVE HOUSE

LEACHATE LIFT STATION

FORMER DISSOLVED OXYGEN BLDG

SUBSTATION 16K

ON-SITE DISPOSAL FACILITY

JH1 JH2 JH3 JH4 BL1 HB1 JB1 KB1 LH2 JF2 JH7 LH4 LH3 DB13 JF18 JF17 JH10 JF14 JF13 JF12

Legend

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

200 100 0 200 400 Feet

N

Fernald Preserve
OSDF (On-Site Disposal Facility)
September 2008 Inspection Findings

On-Site Disposal Facility Inspection Report

September 2008

Stoller
Legacy Management Team

Office of Legacy Management
LM

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 Outer Drainage Cell 8 (looking north)

West Outer Drainage Cell 8 (looking south)

FERNALD PRESERVE MAINTENANCE AND REPAIR ACTION ITEMS

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
3	Various locations along north fenceline	no	Some "No Trespassing" signs are damaged or down	12/4/2007	December 2007quarterly field walkdown	3	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
7	A6PI, north of chain link fence, inside deer fence	no	Large roll of barbed wire	12/4/2007	December 2007quarterly field walkdown	7			Unable to locate
10	North woodlot, east side by road	no	Pull old fence	12/4/2007	December 2007quarterly field walkdown	10			Unable to locate
18	Paddys Run west, south of prairie area	no	Roll of welded wire fence	12/4/2007	December 2007quarterly field walkdown	18			Unable to locate
19	Fence line along Willey Road	no	"No Trespassing" sign down	12/4/2007	December 2007quarterly field walkdown	19	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
21	Forest Demo Project	no	Tree tubes need to be removed	12/4/2007	December 2007quarterly field walkdown	21			Need to evaluate whether the tubes should be removed, left on, or replaced with welded wire cages.
41	OSDF cell 1 - east face	yes	Depression on corner	12/19/2007	December 2007 quarterly OSDF inspection	JH-6	Depression due to previous silt fence and/or tractor - no further action at this time	5/19/2008	Observe during next quarterly inspection.
47	OSDF east perimeter	no	Woody vegetation east side of drainage channel - 3-foot red leafed tree	12/19/2007	December 2007 quarterly OSDF inspection	6	All woody vegetation has been treated with herbicide and/or sprayed	9/24/2008	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetation treated with herbicide in September 2008.
48	OSDF east perimeter	no	Erosion around one fence post concrete base	12/19/2007	December 2007 quarterly OSDF inspection	7	No action required - continue observation		Posts are stable - no signs of active erosion. Will continue to observe.
49	OSDF east perimeter	no	Erosion around approx. 12 fence post concrete bases. Bases sitting on a ridge between road ditch and swale.	12/19/2007	December 2007 quarterly OSDF inspection	8	No action required - continue observation		Posts are stable - no signs of active erosion. Will continue to observe.
50	OSDF east perimeter	no	Erosion around one fence post concrete base	12/19/2007	December 2007 quarterly OSDF inspection	9	No action required - continue observation		Posts are stable - no signs of active erosion. Will continue to observe.
51	OSDF east perimeter	no	Erosion around one fence post concrete base	12/19/2007	December 2007 quarterly OSDF inspection	10	No action required - continue observation		Posts are stable - no signs of active erosion. Will continue to observe.
54	OSDF west perimeter	no	Minor erosion	12/19/2007	December 2007 quarterly OSDF inspection	13	No action required - continue observation		Observe during next quarterly inspection.
55	OSDF west perimeter	no	Remove silt fence	12/19/2007	December 2007 quarterly OSDF inspection	14			See finding No. 341
56	OSDF west perimeter	no	Erosion repair required	12/19/2007	December 2007 quarterly OSDF inspection	15	Culvert drainage erosion repairs completed	9/12/2008	
57	OSDF west perimeter	no	Rutting repair required	12/19/2007	December 2007 quarterly OSDF inspection	16	Culvert drainage erosion repairs completed	9/12/2008	
59	OSDF west perimeter	no	Erosion greater than 1 foot occuring under and west of perimeter fence. Erosion is occuring near fence post.	12/19/2007	December 2007 quarterly OSDF inspection	18	Culvert drainage erosion repairs completed	9/12/2008	
60	OSDF west perimeter	no	Erosion occuring one foot in depth at fence post.	12/19/2007	December 2007 quarterly OSDF inspection	19	Culvert drainage erosion repairs completed	9/12/2008	
61	OSDF west perimeter	no	Woody vegetation over Reinforced Concrete Pipe needs killed. It is currently trimmed at ground level.	12/19/2007	December 2007 quarterly OSDF inspection	20	All woody vegetation has been treated with herbicide and/or physically removed	September-08	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetationtreated with herbicide in September 2008.
65	Former rail line footprint, by road	no	One wooden post knocked down by vehicle	12/31/2007	December 2007 quarterly Point-Specific IC inspection	na			No action at this time - continue to monitor
67	Various locations along site perimeter	no	Signs down	12/28/2007	December 2007 quarterly Point-Specific IC inspection	na	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
71	east fence line near S61	no	woven wire fence down (about 10 ft.)	3/3/2008	casual observation	na		September-08	No action required - notified landowner of fence condition
72	Eco Park	no	honeysuckle establishing south of entrance	3/5/2008	March 2008 quarterly Point-Specific IC inspection	na	Honeysuckle removed	8/1/2008	
73	Forest Demo Project	no	honeysuckle and some trash around entrance	3/5/2008	March 2008 quarterly Point-Specific IC inspection	na	Trash cleared		
74	Crossing for Knollman extraction well access (Access Point V2)	no	Rutting repair required	3/5/2008	March 2008 quarterly Point-Specific IC inspection	na		9/12/2008	No action required
76	Access Point V7	no	brush clearing needed north of gate	3/5/2008	March 2008 quarterly Point-Specific IC inspection	na			
78	North Access Road on south/east side of OSDF	no	Integrity of road is in danger through potholes and developing ruts. Some deep potholes could damage suspension	3/5/2008	March 2008 quarterly Point-Specific IC inspection	na	In progress		
81	drainage south of 4A	no	erosion rill into drainage ditch	3/13/2008	March 2008 quarterly field walkdown	3			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
84	3A	no	Wooden stakes for cages need replaced	3/13/2008	March 2008 quarterly field walkdown	6	Will replace as needed		
85	East of SP-7	no	Side cutting erosion (NOTE: debris)	3/13/2008	March 2008 quarterly field walkdown	7			Need to evaluate for placement of additional rock in channel
86	SP-7	no	Area rutted, sparse vegetation, rock	3/13/2008	March 2008 quarterly field walkdown	8			Water standing in area, need to seed with a wet seed mix and mulch.
87	South of SP-7	no	Erosion on slope, sparse vegetation, felt, rock	3/13/2008	March 2008 quarterly field walkdown	9			Repair will require the placement of compost or topsoil and seeding the area.
88	3B-Edge of Pond	no	Wood stakes need replaced	3/13/2008	March 2008 quarterly field walkdown	10	Will replace as needed	9/11/2008	No additional action needed
89	3B-Edge of Pond	no	Old plug cups need removed	3/13/2008	March 2008 quarterly field walkdown	11	cups removed	9/11/2008	
90	West side 4B-Pond	no	Erosion into pond	3/13/2008	March 2008 quarterly field walkdown	12			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
91	Outfall from former Lime Sludge Pond	no	Erosion (side cutting)	3/13/2008	March 2008 quarterly field walkdown	13			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
93	Northeast of CAWWT	no	Sparse vegetation	3/13/2008	March 2008 quarterly field walkdown	15	Area responded better in 2008. Some seeding conducted	9/5/2008	No additional action needed
98	Southeast of Angel Pond	no	Erosion (exposing debris)	3/13/2008	March 2008 quarterly field walkdown	20			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
100	Southwest of Swan Lake	no	Erosion	3/13/2008	March 2008 quarterly field walkdown	22	Repaired by subcontractor	6/25/2008	
104	Drainage above clearwell	no	Erosion repair needed	3/13/2008	March 2008 quarterly field walkdown	26			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
105	Burn pit into pit 3	no	Erosion rill	3/13/2008	March 2008 quarterly field walkdown	27			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
106	Mat areas into pit 3	no	Erosion rills - side cutting	3/13/2008	March 2008 quarterly field walkdown	28			Erosion repair will require taking up matting, tilling soil, grade, seed, and replace matting. Sparse vegetation in area could be helped by tilling area.
107	North bank of pit 3	no	Erosion rill	3/13/2008	March 2008 quarterly field walkdown	29			Erosion repair will require taking up matting, tilling soil, grade, seed, and replace matting. Sparse vegetation in area could be helped by tilling area.

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
108	West end of pit 5	no	Erosion, rocks, felt, sparse vegetation	3/13/2008	March 2008 quarterly field walkdown	30			Erosion repair will be handled under the BOA construction subcontract. Needs topsoil placed on area and seeded
109	North bank of pit 5	no	Erosion, sparse vegetation	3/13/2008	March 2008 quarterly field walkdown	31			Needs topsoil placed on area and the area seeded
110	East end Pit 5	no	Erosion, felt, sparse vegetation	3/13/2008	March 2008 quarterly field walkdown	32			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
111	Southwest pit 6	no	Thistle species rosettes	3/13/2008	March 2008 quarterly field walkdown	33	Sitewide herbicide applications conducted through 2008	July-08	
113	Along path	no	Poison Hemlock	3/13/2008	March 2008 quarterly field walkdown	35	Sitewide herbicide applications conducted through 2008	July-08	
116	Crosby Ponds	no	Erosion into basin	3/13/2008	March 2008 quarterly field walkdown	38			Area was opened up to drain ponds for construction of Bio-Wetland and will be dressed up prior to opening
117	Silo rail "Y" - Solid Waste Landfill	no	Erosion into basin	3/13/2008	March 2008 quarterly field walkdown	39			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
119	Owens Pond - Solid Waste Landfill	no	Erosion into basin	3/13/2008	March 2008 quarterly field walkdown	41			
120	Along east/west drain south of A6PI	no	Large pile of railroad timbers	3/13/2008	March 2008 quarterly field walkdown	42	Railroad timbers were removed from the field and staged at the Restoration Shed.	June-08	Need to determine if ties can be sent to Rumpke in roll-off box
122	Pit 3	no	Overflow eroding	3/13/2008	March 2008 quarterly field walkdown	44			Will need some regrading and seeding, plus the placement of rock in one location
124	Northeast of Pit 6	no	Erosion	3/13/2008	March 2008 quarterly field walkdown	46			Erosion repair will be handled under the BOA construction subcontract. Continue to monitor
125	East Parking Lot	no	Erosion	3/13/2008	March 2008 quarterly field walkdown	47			
127	North side of Union Pond	no	Erosion	3/13/2008	March 2008 quarterly field walkdown	49			
134	South face - Cell 8	no	Erosion, a lot of rills	3/12/2008	March 2008 quartely OSDF inspection	MS-1	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
138	East face - Cell 3	no	Several rills	3/12/2008	March 2008 quartely OSDF inspection	MS-5	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
140	West face - Cell 8	no	Erosion	3/12/2008	March 2008 quartely OSDF inspection	DB-1	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
150	South face - Cell 8	no	Erosion rills and some puddling	3/12/2008	March 2008 quartely OSDF inspection	LH-1	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
151	South face - Cell 8	no	Erosion rills and some puddling	3/12/2008	March 2008 quartely OSDF inspection	LH-2	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
152	South face - Cell 8	no	Erosion rills and some puddling, sparse vegetation	3/12/2008	March 2008 quartely OSDF inspection	LH-3	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
153	South face - Cell 8	no	Erosion rills and some puddling	3/12/2008	March 2008 quartely OSDF inspection	LH-4	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
156	West face - Cell 8	no	rill	3/12/2008	March 2008 quartely OSDF inspection	LH-7	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
157	West face - Cell 8	no	long rill	3/12/2008	March 2008 quartely OSDF inspection	LH-8	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
170	South face - Cell 8	no	Minor rill, could be filled	3/12/2008	March 2008 quartely OSDF inspection	LM-1	Erosion repairs completed or determined to be unecessary	May-08	Unable to verify due to thick vegetation - continue to monitor during quarterly inspections
190	South of jute pile - Perimeter	no	Cedar tree	3/12/2008	March 2008 quartely OSDF inspection	1	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
191	Behind dumpster - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	2	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
192	Behind dumpster - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	3	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
193	Northeast corner - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	4	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
194	East side of 2, 1/4 way, rocks - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	5	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
195	East side 2, 1/2 way, rocks - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	6	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
196	East side 2/3, rocks - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	7	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
197	East side 3, 1/4 Fence - Perimeter	no	Rebar	3/12/2008	March 2008 quartely OSDF inspection	8			
198	East side 3, 1/2 rocks - Perimeter	no	1 1/4 inch PVC pipe	3/12/2008	March 2008 quartely OSDF inspection	9			
199	East side 3, 1/2 rocks - Perimeter	no	Tree	3/12/2008	March 2008 quartely OSDF inspection	10	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
200	East side 6, 1/2 fence - Perimeter	no	Concrete from old fence post	3/12/2008	March 2008 quartely OSDF inspection	11			
201	East side 7/8 fence - Perimeter	no	Cottonwood tree	3/12/2008	March 2008 quartely OSDF inspection	12	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
206	Flagged in field. Marked on drawing. - Cell 1	no	Water ponding on top of Cell 1. This is most likely due to lack of dense vegetation and extreme snow melt just prior to inspection. Similar to JF1.	3/12/2008	March 2008 quartely OSDF inspection	JF5	Erosion repairs made to Cell 1 - no water ponding at this time. No further action other than to continue observations	5/29/2008	
207	Three discharge pipes @ south end of OSDF - South perimeter	no	Sediment checked at pipe inlet: Good - no action necessary	3/12/2008	March 2008 quartely OSDF inspection	JF6			No action required
208	Monitoring well south end of OSDF - South perimeter	no	Slight undermining of concrete pad around monitoring well. Continue to monitor.	3/12/2008	March 2008 quartely OSDF inspection	JF7			No action required
209	Control Valve House - South perimeter	no	Rivet downspout to Control Valve House.	3/12/2008	March 2008 quartely OSDF inspection	JF8	Downspouts repaired by CAWWT personnel		
210	Marked on drawing - West perimeter	no	Minor erosion at end of rip rap. Rip-Rap is filling in area of minor erosion nicely.	3/12/2008	March 2008 quartely OSDF inspection	JF9	Culvert drainage erosion repairs completed	9/12/2008	
211	Marked on drawing. - West Perimeter	no	Most Silt fence removed. Few bricks and little silt fence left.	3/12/2008	March 2008 quartely OSDF inspection	JF10			See Finding No. 341
212	Marked on drawing. - West Perimeter	no	Erosion - greater than one foot. Be careful during repairs - Buried Pipe!	3/12/2008	March 2008 quartely OSDF inspection	JF11			See Finding No. 409
213	Marked on drawing. - West Perimeter	no	Rutting behind Valve House No. 8	3/12/2008	March 2008 quartely OSDF inspection	JF12			See Finding No. 411
214	Marked on drawing: GIS outlet pipe. - West Perimeter	no	Erosion greater than 1 foot occuring under and west of perimeter fence. Erosion is occuring near fence post.	3/12/2008	March 2008 quartely OSDF inspection	JF13	Culvert drainage erosion repairs completed	9/12/2008	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
215	Marked on drawing: GIS outlet pipe. - West Perimeter	no	Erosion occuring one foot in depth at fence post.	3/12/2008	March 2008 quartely OSDF inspection	JF14	Culvert drainage erosion repairs completed	9/12/2008	
216	Mound west of VH-6 - West perimeter	no	Groundhog hole.	3/12/2008	March 2008 quartely OSDF inspection	JF15	Hole appears abandoned	9/12/2008	
217	Downspout at northwest corner of VH-5 - West perimeter	no	Downspout missing.	3/12/2008	March 2008 quartely OSDF inspection	JF16	Downspouts repaired by CAWWT personnel		
218	Mound northwest of VH-4 - West perimeter	no	Groundhog hole.	3/12/2008	March 2008 quartely OSDF inspection	JF17			
219	Along fence west of VH-3 - West perimeter	no	Construction fencepost "debris" leaning against outside of perimeter fence.	3/12/2008	March 2008 quartely OSDF inspection	JF18			See Finding No. 349
220	Marked on drawing: GIS outlet pipe. - West Perimeter	no	Woody vegetation over RCP needs killed. It is currently trimmed at ground level; deep roots could damage RCP.	3/12/2008	March 2008 quartely OSDF inspection	JF19	All woody vegetation has been treated with herbicide and/or physically removed	September-08	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetation treated with herbicide in September 2008.
221	Downspout at northwest corner of VH-2 - West perimeter	no	Damaged Downspout	3/12/2008	March 2008 quartely OSDF inspection	JF20	Downspouts repaired by CAWWT personnel		
222	GIS outlet northwest of VH-2 - West perimeter	no	GIS outlet pipe half plugged with rip rap. Flow is still good.	3/12/2008	March 2008 quartely OSDF inspection	JF21			No action required
224	60-in. culvert, north side	no	Sediment is partially blocking flow	6/2/2008	June 2008 quarterly point-specific IC inspection	na	Sediment removed and erosion near culvert repaired	6/26/2008	
225	Eco Park, Forest Demo, V3, V5, V6, V7 perimeter access points	no	high-visibility cable sleeves are not installed	6/2/2008	June 2008 quarterly point-specific IC inspection	na	All cable sleeves installed prior to site opening	8/20/2008	
226	Restoration storage shed	no	animal living under shed	6/2/2008	June 2008 quarterly point-specific IC inspection	na			
227	Old Moody's drive	No	Reed Canary Grass	6/5/2008	June 2008 quarterly field walkdown	1			
228	Old Moody's drive	No	Old stake	6/5/2008	June 2008 quarterly field walkdown	2			
229	Old Moody's drive	No	Construction fence	6/5/2008	June 2008 quarterly field walkdown	3	Fencing removed	9/11/2008	
230	SWRB - West side	No	Slump - revegetation	6/5/2008	June 2008 quarterly field walkdown	4			No action required - sufficient vegetation in place
231	SWRB - Southwest corner	No	Erosion rill	6/5/2008	June 2008 quarterly field walkdown	5			
232	Deer fence south of SWRB	No	Limb down on fence	6/5/2008	June 2008 quarterly field walkdown	6	Removed limb and repaired fence	7/31/2008	
233	Deer fence off south access road	No	Deer fence corner wire down	6/5/2008	June 2008 quarterly field walkdown	7			
234	Southfield prairie	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	8			
235	Southfield prairie	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	9			
236	Substation fence	No	Sign down	6/5/2008	June 2008 quarterly field walkdown	10	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
237	Northwest corner of south field deer fence	No	Patch of Canada thistle	6/5/2008	June 2008 quarterly field walkdown	11	Sitewide herbicide applications conducted through 2008	July-08	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
238	Woods north of deer fence	No	Patch of Canada thistle	6/5/2008	June 2008 quarterly field walkdown	12	Sitewide herbicide applications conducted through 2008	July-08	
239	East of 'dance hall', south of AFP	No	Thistle	6/5/2008	June 2008 quarterly field walkdown	13	Sitewide herbicide applications conducted through 2008	July-08	
240	North of former AFP	No	Eroding bank	6/5/2008	June 2008 quarterly field walkdown	14			
241	North of former AFP	No	Teasel	6/5/2008	June 2008 quarterly field walkdown	15	Sitewide herbicide applications conducted through 2008	July-08	
242	Gravel road north of former AFP	No	Take down yellow rope	6/5/2008	June 2008 quarterly field walkdown	16			
243	South pines, southeast corner	No	Fence hanging, zip-ties are broken	6/5/2008	June 2008 quarterly field walkdown	17	Fence repaired	9/12/2008	
244	Southern Waste Units	No	Erosion down old road (N/S)	6/5/2008	June 2008 quarterly field walkdown	18			
245	Southern Waste Units	No	Deep erosion in drainage	6/5/2008	June 2008 quarterly field walkdown	19			
246	Southern Waste Units	No	Bull and Canada thistle	6/5/2008	June 2008 quarterly field walkdown	20	Sitewide herbicide applications conducted through 2008	June-08	
247	Southern Waste Units	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	21			
248	Southern Waste Units	No	Erosion (small rills), sparse vegetation	6/5/2008	June 2008 quarterly field walkdown	22			
249	SWRB-West bank	No	Erosion rill	6/5/2008	June 2008 quarterly field walkdown	23			
250	AFP-Northeast of dance hall	No	Teasel inside and outside of deer fence	6/5/2008	June 2008 quarterly field walkdown	24	Sitewide herbicide applications conducted through 2008	June-08	
251	South pines, north end	No	Tree limbs on fence	6/5/2008	June 2008 quarterly field walkdown	25	Limbs removed and fence repaired	9/19/2008	
252	South fenced area west of haul road	No	Tree limbs on fence	6/5/2008	June 2008 quarterly field walkdown	26	Limbs removed and fence repaired	9/22/2008	
253	North fenced area west of haul road (prairie)	No	Fence down on the west side	6/5/2008	June 2008 quarterly field walkdown	27			Need to wait for bee activity to cease (beehive nearby)
254	Northwest corner of fence	No	Tree on deer fence	6/5/2008	June 2008 quarterly field walkdown	28			Need to wait for bee activity to cease (beehive nearby)
257	South field at northern-most well house	No	Fence post cap	6/5/2008	June 2008 quarterly field walkdown	31			
258	North bank of east SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	32			
259	North bank of east SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	33			
260	East of SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	34			
263	North bank of west SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	37			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
264	North bank of west SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	38			
265	South end of 60" culvert	No	Erosion enters basin	6/5/2008	June 2008 quarterly field walkdown	39	Repaired by subcontractor	6/25/2008	
266	North bank of east SWRB	No	Erosion	6/5/2008	June 2008 quarterly field walkdown	40			
267	Well house south of east SWRB	No	Concrete by well	6/5/2008	June 2008 quarterly field walkdown	41	Removed and free-released	7/31/2008	Concrete too large to handle by hand - requires skid steer
277	OSDF Cell 8	No	Bare spot in vegetation	6/5/2008	June 2008 quarterly OSDF walkdown	KK-7	Area has become vegetated		No action at this time - continue to monitor
278	OSDF Cell 8	No	Erosion- no vegetation	6/5/2008	June 2008 quarterly OSDF walkdown	KK-8			Unable to verify due to thick vegetation - No action at this time
279	OSDF Cell 8	No	Tile	6/5/2008	June 2008 quarterly OSDF walkdown	KK-9			
282	OSDF Cell 3	No	Erosion rill (flag)	6/5/2008	June 2008 quarterly OSDF walkdown	DB-1			
289	OSDF Cell 8	No	Erosion rill (flag)	6/5/2008	June 2008 quarterly OSDF walkdown	DB-8	Erosion rill has become vegetated.		No action at this time - continue to monitor
290	OSDF Cell 8	No	Erosion rill (flag)	6/5/2008	June 2008 quarterly OSDF walkdown	DB-9			Unable to verify due to thick vegetation - No action at this time
294	OSDF Cell 6	No	Animal burrow	6/5/2008	June 2008 quarterly OSDF walkdown	KB-3			
298	OSDF Cell 8	No	Short rill	6/5/2008	June 2008 quarterly OSDF walkdown	HS-4			Unable to verify due to thick vegetation - No action at this time
299	OSDF Cell 8	No	Previous monitored no changes	6/5/2008	June 2008 quarterly OSDF walkdown	HS-5	None required		
314	OSDF Cell 8	No	Erosion	6/5/2008	June 2008 quarterly OSDF walkdown	GS-11			
320	OSDF Cell 7	No	Erosion rill	6/5/2008	June 2008 quarterly OSDF walkdown	MV-1			
331	OSDF 5	No	Groundhog hole	6/5/2008	June 2008 quarterly OSDF walkdown	HS-10			
332	1 North	No	Rocks in mulch berm. All mulch berms need picked of rocks and concrete.	6/5/2008	June 2008 quarterly OSDF walkdown	JF1			
333	7 West	No	Small erosion rill from previous inspection "Tis3". Short rill not worth fixing at this point.	6/5/2008	June 2008 quarterly OSDF walkdown	JF2	None required		
334	NWP	No	Pile of geotextile and plastic just inside fence.	6/5/2008	June 2008 quarterly OSDF walkdown	JF3	Material picked up and removed	7/7/2008	
335	SP	No	Geotextile debris 2 feet inside fence.	6/5/2008	June 2008 quarterly OSDF walkdown	JF4			
336	5	No	Follow up of water ponding on west side of Cell 5 on 20H:1V slope (JF1 of March 2008 inspection). Vegetation growing on flatter slopes. No action needed.	6/5/2008	June 2008 quarterly OSDF walkdown	JF5	None required		
337	SP	No	Sediment checked at pipe inlet: Good - no action necessary	6/5/2008	June 2008 quarterly OSDF walkdown	JF6			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
338	SP	No	Slight undermining of concrete pad around monitoring well. Continue to monitor.	6/5/2008	June 2008 quarterly OSDF walkdown	JF7			
339	SP	No	Downspout on Control Valve House fixed. No action necessary	6/5/2008	June 2008 quarterly OSDF walkdown	JF8	None required		
340	WP	No	Minor erosion at end of rip rap. Rip-Rap is filling in area of minor erosion nicely.	6/5/2008	June 2008 quarterly OSDF walkdown	JF9	Culvert drainage erosion repairs completed	9/12/2008	
341	WP	No	Most Silt fence removed. Few bricks and little silt fence left.	6/5/2008	June 2008 quarterly OSDF walkdown	JF10			
342	WP	No	Erosion - greater than one foot. Be careful during repairs - Buried Pipe!	6/5/2008	June 2008 quarterly OSDF walkdown	JF11			See Finding No. 409
343	WP	No	Rutting behind Valve House No. 8	6/5/2008	June 2008 quarterly OSDF walkdown	JF12			See Finding No. 411
344	WP	No	Erosion greater than 1 foot occuring under and west of perimeter fence. Erosion is occuring near fence post.	6/5/2008	June 2008 quarterly OSDF walkdown	JF13	Culvert drainage erosion repairs completed	9/12/2008	
345	WP	No	Erosion occuring one foot in depth at fence post.	6/5/2008	June 2008 quarterly OSDF walkdown	JF14	Culvert drainage erosion repairs completed	9/12/2008	
346	WP	No	Groundhog hole.	6/5/2008	June 2008 quarterly OSDF walkdown	JF15			
347	WP	No	Downspout Fixed. No action necessary	6/5/2008	June 2008 quarterly OSDF walkdown	JF16	None required		
348	WP	No	Groundhog hole.	6/5/2008	June 2008 quarterly OSDF walkdown	JF17			
349	WP	No	Construction fencepost "debris" leaning against outside of perimeter fence.	6/5/2008	June 2008 quarterly OSDF walkdown	JF18			
350	WP	No	Woody vegetation over RCP needs killed. It is currently trimmed at ground level; deep roots could damage RCP.	6/5/2008	June 2008 quarterly OSDF walkdown	JF19	All woody vegetation has been treated with herbicide and/or physically removed	September-08	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetationtreated with herbicide in September 2008.
351	WP	No	Downspout Fixed. No action necessary	6/5/2008	June 2008 quarterly OSDF walkdown	JF20	None required		
352	WP	No	GIS outlet pipe half plugged with rip rap. Flow is still good.	6/5/2008	June 2008 quarterly OSDF walkdown	JF21			
353	WP	No	Woody vegetation at pipe outlet.	6/5/2008	June 2008 quarterly OSDF walkdown	JF22	All woody vegetation has been treated with herbicide and/or physically removed	September-08	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetation treated with herbicide in September 2008.
354	NP	No	Patch of woody vegetation (willow and cottonwood) in drainage ditch. Sporatic woody vegetation throughout north and east drainage ditches.	6/5/2008	June 2008 quarterly OSDF walkdown	JF23	All woody vegetation has been treated with herbicide and/or physically removed	September-08	Woody vegetation in OSDF drainage was cut in June 2008. Woody vegetation treated with herbicide in September 2008.
355	EP	No	Rebar	6/5/2008	June 2008 quarterly OSDF walkdown	JF24			
356	EP	No	Erosion at fence post.	6/5/2008	June 2008 quarterly OSDF walkdown	JF25			
357	EP	No	Thistle	6/5/2008	June 2008 quarterly OSDF walkdown	JF26	Thistle spot-sprayed with Rodeo herbicide	6/1/2008	
358	South field utility towers	No	High vegetation	7/15/2008	Casual observation	na	Mowed vegetation as needed	July-08	
359	EP	No	Thistle	6/5/2008	June 2008 quarterly OSDF walkdown	JF27	Thistle spot-sprayed with Rodeo herbicide	6/1/2008	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
360	South Pines - southeast deer fence	No	tree down across deer fence - fence needs repair	9/17/2008	Post-storm walkdown	na	Removed tree and repaired fence	9/22/2008	
361	EP	No	Thistle	6/5/2008	June 2008 quarterly OSDF walkdown	JF28	Thistle spot-sprayed with Rodeo herbicide	6/1/2008	
362	South Pines - north deer fence	No	tree down across deer fence - fence needs repair	9/17/2008	Post-storm walkdown	na	Removed tree and repaired fence	9/22/2008	
363	Northwest slope of Cell 1	No	Dessication cracks	9/2/2008	September 2008 quarterly OSDF walkdown	JH 1			Continue to monitor during next quarterly inspection
364	North slope fo Cell 1	No	Dessication cracks	9/2/2008	September 2008 quarterly OSDF walkdown	JH 2			Continue to monitor during next quarterly inspection
365	North slope fo Cell 1	No	Dessication cracks	9/2/2008	September 2008 quarterly OSDF walkdown	JH 3			Continue to monitor during next quarterly inspection
366	North slope fo Cell 1	No	Rock	9/2/2008	September 2008 quarterly OSDF walkdown	JH 4			
367	Northeast slope Cell 1	No	Canada thistle in various locations	9/2/2008	September 2008 quarterly OSDF walkdown	JH 5	Herbicide applications conducted across OSDF	September-08	
368	West 6:1 Cell 5	No	Johnson grass	9/2/2008	September 2008 quarterly OSDF walkdown	JH 6	Herbicide applications conducted across OSDF	September-08	
369	East 6:1 Cell 6	No	Bare spot	9/2/2008	September 2008 quarterly OSDF walkdown	JH 7			
370	East 6:1 Cell 6	No	Canada thistle	9/2/2008	September 2008 quarterly OSDF walkdown	JH 8	Herbicide applications conducted across OSDF	September-08	
371	3/4 Boundary Top	No	Biointrusion	9/2/2008	September 2008 quarterly OSDF walkdown	KB 1			
372	East side Cell 1	No	Rock	9/2/2008	September 2008 quarterly OSDF walkdown	HB 1			
373	East side Cell 2	No	Thistle	9/2/2008	September 2008 quarterly OSDF walkdown	HB 2	Herbicide applications conducted across OSDF	September-08	
374	West side Cell 3	No	Burrow	9/2/2008	September 2008 quarterly OSDF walkdown	JB 1			
375	West side Cell 6	No	Thistle	9/2/2008	September 2008 quarterly OSDF walkdown	JB 2	Herbicide applications conducted across OSDF	September-08	
376	West side Cell 2	No	Thistle	9/2/2008	September 2008 quarterly OSDF walkdown	JW 1	Herbicide applications conducted across OSDF	September-08	
377	North face near top Cell 1	No	Erosion	9/2/2008	September 2008 quarterly OSDF walkdown	BL 1			
378	East face Cell 2	No	Woody shrub	9/2/2008	September 2008 quarterly OSDF walkdown	BL 2	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
379	East face Cell 8	No	Thistle	9/2/2008	September 2008 quarterly OSDF walkdown	BL 3	Herbicide applications conducted across OSDF	September-08	
380	East toe Cell 1	No	Cottonwood trees	9/2/2008	September 2008 quarterly OSDF walkdown	LH 1	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
381	East face - middle - near top - Cell 5	No	Large buried rock with nearby tile	9/2/2008	September 2008 quarterly OSDF walkdown	LH 2			

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382	Top/west face border 7/8	No	Erosion rill (several) - flags from previous	9/2/2008	September 2008 quarterly OSDF walkdown	LH 3			
383	West face Cell 7	No	Erosion rills up and down face Cell 7	9/2/2008	September 2008 quarterly OSDF walkdown	LH 4			
384	Cell 5	No	Small woody plant	9/2/2008	September 2008 quarterly OSDF walkdown	DB 2	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
385	Cell 5	No	Across from valve house. Looks like it was sprayed.	9/2/2008	September 2008 quarterly OSDF walkdown	DB 3	Herbicide applications conducted across OSDF	September-08	
386	Cell 5 and 6	No	Group of cattails in drainage	9/2/2008	September 2008 quarterly OSDF walkdown	DB 4	Cattails removed and area regraded to improve drainage	9/12/2008	
387	Cell 6	No	Small woody plant (sprayed?)	9/2/2008	September 2008 quarterly OSDF walkdown	DB 5	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
388	Cell 6 and 7	No	Small woody plant (sprayed?)	9/2/2008	September 2008 quarterly OSDF walkdown	DB 6	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
389	Cell 6	No	Matting in rip rap	9/2/2008	September 2008 quarterly OSDF walkdown	DB 7			
390	Cell 7 west	No	Small woody plant. Flag near Valve house 8	9/2/2008	September 2008 quarterly OSDF walkdown	DB 8	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
391	Cell 8 south	No	Lower drainage - large woody pland adjacent to exit Cell 8	9/2/2008	September 2008 quarterly OSDF walkdown	DB 9	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
392	Cell 8 south	No	Patch of cattails in lower drainage	9/2/2008	September 2008 quarterly OSDF walkdown	DB 10			
393	Cell 8 east	No	Two small groups of woody vegetaion next to fence	9/2/2008	September 2008 quarterly OSDF walkdown	DB 11	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
394	Cell 8 east	No	Large woody plant east of cell in drainage	9/2/2008	September 2008 quarterly OSDF walkdown	DB 12	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
395	Cell 7	No	Matting coming through gravel at toe	9/2/2008	September 2008 quarterly OSDF walkdown	DB 13			
396	East cell 5 - 6 - 7	No	Woody vegetation and cattails along east drain	9/2/2008	September 2008 quarterly OSDF walkdown	DB 14	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
397	East side	No	Marked with flag - edge of drain on cell	9/2/2008	September 2008 quarterly OSDF walkdown	DB 15			
398	Cell 2	No	Woody vegetation in lower drain - east side	9/2/2008	September 2008 quarterly OSDF walkdown	DB 16	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
399	Cell 2	No	Large woody vegetation at edge of cell	9/2/2008	September 2008 quarterly OSDF walkdown	DB 17	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
400	Cell 5 west	No	Thistle	9/2/2008	September 2008 quarterly OSDF walkdown	JF1	Herbicide applications conducted across OSDF	September-08	
401	Cell 6 west - north end near top of 6:1	No	Groundhog Hole (Reference TS-13 - previous Insp.).	9/2/2008	September 2008 quarterly OSDF walkdown	JF2			
402	Northwest perimeter/corner	No	Pile of geotextile and plastic just inside fence noted in last inspection (JF3) has been removed.	9/2/2008	September 2008 quarterly OSDF walkdown	JF3	Debris removed and free-released		
403	North perimeter drainage ditch	No	1-2 ' cottonwood trees and 3-4' willow trees growing in the north drainage channel.	9/2/2008	September 2008 quarterly OSDF walkdown	JF4	All woody vegetation has been treated with herbicide and/or physically removed	September-08	

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
404	East perimeter in ditch	No	Willows growing in east drainage channel.	9/2/2008	September 2008 quarterly OSDF walkdown	JF5	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
405	East perimeter in ditch	No	Woody vegetation with yellow flowers growing in east channel.	9/2/2008	September 2008 quarterly OSDF walkdown	JF6	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
406	East perimeter between ditch and fence east of Cells 7 and 8	No	Tall cottonwood trees growing between the east channel and east fence from the north end of Cell 7 to the south end of this area east of Cell 8	9/2/2008	September 2008 quarterly OSDF walkdown	JF7	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
407	South perimeter - three discharge pipes	No	Woody vegetation growing around south ditch outlet. Sediment also checked at pipe inlet: Sediment good - no action necessary	9/2/2008	September 2008 quarterly OSDF walkdown	JF8	All woody vegetation has been treated with herbicide and/or physically removed	September-08	
408	South perimeter - south end Cell 8	No	Geotextile debris 2 feet inside fence noted on last inspection (JF4) has been removed.	9/2/2008	September 2008 quarterly OSDF walkdown	JF9	Debris removed and free-released		
409	West perimeter	No	Minor erosion at end of rip rap. Rip-Rap is filling in area of minor erosion nicely.	9/2/2008	September 2008 quarterly OSDF walkdown	JF10			
410	West perimeter	No	Thistle - some gone to seed, some not gone to seed.	9/2/2008	September 2008 quarterly OSDF walkdown	JF11	Herbicide applications conducted across OSDF	September-08	
411	West perimeter	No	Erosion - greater than one foot. Be careful during repairs - Buried Pipe!	9/2/2008	September 2008 quarterly OSDF walkdown	JF12			
412	West perimeter - southwest of valve house 8	No	Geotextile and aluminum can debris. Located due west of utility pole.	9/2/2008	September 2008 quarterly OSDF walkdown	JF13			
413	West perimeter	No	Rutting behind Valve House No. 8.	9/2/2008	September 2008 quarterly OSDF walkdown	JF14			
414	West perimeter - GIS outlet pipe	No	Erosion reported at fence and west of fence in previous inspection (JF13) was repaired.	9/2/2008	September 2008 quarterly OSDF walkdown	JF15	Culvert drainage erosion repairs completed	9/12/2008	
415	West perimeter - GIS outlet pipe	No	Erosion noted at fence post in previous inspection (JF14) was repaired.	9/2/2008	September 2008 quarterly OSDF walkdown	JF16	Culvert drainage erosion repairs completed	9/12/2008	
416	West perimeter - mound west of valve house 6	No	Groundhog hole. No recent activity.	9/2/2008	September 2008 quarterly OSDF walkdown	JF17			
417	West perimeter northwest of valve house 4	No	Groundhog hole noted in previous inspection (JF17) was flattened. Regrading however; blocked the west drainage ditch. Contractor instructed to unblock drainage channel.	9/2/2008	September 2008 quarterly OSDF walkdown	JF18	Culvert drainage erosion repairs completed	9/12/2008	
418	West perimeter - northwest of valve house 4	No	Patch of Johnson grass.	9/2/2008	September 2008 quarterly OSDF walkdown	JF19	Herbicide applications conducted across OSDF	September-08	
419	West perimeter drainage channel between valve house road and fence north of valve house 2	No	Johnson grass throughout this large area.	9/2/2008	September 2008 quarterly OSDF walkdown	JF20	Herbicide applications conducted across OSDF	September-08	
420	Ditch on east side of south access road	No	Debris and concrete	9/3/2008	September 2008 quarterly field walkdown	1			
421	Utility pole 142H at southeast corner of site	No	Old t-post needs to be removed	9/3/2008	September 2008 quarterly field walkdown	2			
422	Southeast corner pasture	No	Johnson Grass	9/3/2008	September 2008 quarterly field walkdown	3	Sitewide herbicide applications conducted through 2008	September-08	
423	East fence line starting at "4" on map	No	Old 'no trespassing' signs nee to be removed	9/3/2008	September 2008 quarterly field walkdown	4	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
424	Northeast slope of Lodge Pond	No	Erosion to be repaired	9/3/2008	September 2008 quarterly field walkdown	5			
425	North slope of Lodge Pond	No	Erosion to be repaired	9/3/2008	September 2008 quarterly field walkdown	6			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
426	Pond from old swerage treatment plant	No	Survey stake in pond	9/3/2008	September 2008 quarterly field walkdown	7			
427	Noth end of old sewerage teatment plant	No	Old ring buoy / t-post	9/3/2008	September 2008 quarterly field walkdown	8			
428	Adjacent to well 2051	No	Old concrete footer/t-post	9/3/2008	September 2008 quarterly field walkdown	9			
429	Basin 4 between pond and swale	No	Old ring buoy / t-post	9/3/2008	September 2008 quarterly field walkdown	10			
430	Just west of ????? Tower	No	Old pile of stone	9/3/2008	September 2008 quarterly field walkdown	11			
431	North slope by SR 126	No	Teasel	9/3/2008	September 2008 quarterly field walkdown	12			
432	Perimeter sign by SR 126	No	Sign post is loose	9/3/2008	September 2008 quarterly field walkdown	13			
433	Edge of woods by SR 126	No	Canada thistle, Johnson grass	9/3/2008	September 2008 quarterly field walkdown	14			
434	SR 126 by OLD North access Rd.	No	Large Patch of teasel	9/3/2008	September 2008 quarterly field walkdown	15			
435	East fence line	No	Fence down	9/3/2008	September 2008 quarterly field walkdown	16	Adjacent landowner notified of fence condition	9/25/2008	No further action required
436	North pines	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	17			
437	Aesthetic barrier	No	Remove cage	9/3/2008	September 2008 quarterly field walkdown	18			
438	Aesthetic barrier	No	Remove cage	9/3/2008	September 2008 quarterly field walkdown	19			
439	East Lodge Pond trail	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	20			
440	East Lodge Pond trail	No	Trash	9/3/2008	September 2008 quarterly field walkdown	21			
441	East perimeter near cell 5	No	Blue tarp debris	9/3/2008	September 2008 quarterly field walkdown	22			
442	North Pines deer fence, north of OSDF, southwest corner	No	Tear in fence	9/3/2008	September 2008 quarterly field walkdown	23			
443	North Pines deer fence, north of OSDF, southwest corner	No	Tear in fence	9/3/2008	September 2008 quarterly field walkdown	24			
444	North pines near pond	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	25			
445	North pines north of deer fence	No	Thistle along deer fence	9/3/2008	September 2008 quarterly field walkdown	26			
446	North pines north side of deer fence	No	Hole under deer fence	9/3/2008	September 2008 quarterly field walkdown	27			
447	North pines in cultural resource area	No	Thistle in cultural resource area	9/3/2008	September 2008 quarterly field walkdown	28			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
448	North pines west of cultural resource area	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	29			
449	Lodge Pond basin - south	No	Dead trees in cages	9/3/2008	September 2008 quarterly field walkdown	30			
450	Field north of Lodge Pond	No	No native species	9/3/2008	September 2008 quarterly field walkdown	31			
451	Lodge Pond basin - north	No	Roll of fencing	9/3/2008	September 2008 quarterly field walkdown	32			
452	Lodge Pond northeast corner	No	Erosion	9/3/2008	September 2008 quarterly field walkdown	33			
453	Lodge Pond northeast corner	No	Erosion	9/3/2008	September 2008 quarterly field walkdown	34			
454	SR 128 entrance	No	Cracked "No trespassing" sign	9/3/2008	September 2008 quarterly field walkdown	35	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
455	East fenceline	No	Honeysuckle	9/3/2008	September 2008 quarterly field walkdown	36			
456	East fenceline	No	Tree tube set next to FP sign	9/3/2008	September 2008 quarterly field walkdown	37			
457	East fenceline	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	38			
458	East fenceline	No	Damaged fence - next to large trees	9/3/2008	September 2008 quarterly field walkdown	39			
459	East fenceline	No	Sign down between 2 trees	9/3/2008	September 2008 quarterly field walkdown	40	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
460	East fenceline	No	Hole in fence; sign damaged	9/3/2008	September 2008 quarterly field walkdown	41	Adjacent landowner notified of fence condition	9/25/2008	No further action required
461	East fenceline	No	Damaged sign by old gate	9/3/2008	September 2008 quarterly field walkdown	42	All old "No Tresspassing signs removed	9/12/2008	New signs have been installed
462	East fenceline	No	Hole in fence, wires on ground at intersection of pasture and corn field	9/3/2008	September 2008 quarterly field walkdown	43	Wire was re-hung as needed on 9/4/08. Adjacent landowner notified of fence condition	9/25/2008	
463	North pines	No	Thistle	9/3/2008	September 2008 quarterly field walkdown	44			
464	North pines near pond	No	Phragmites	9/3/2008	September 2008 quarterly field walkdown	45			
465	North pines	No	Thistle near pine tree line	9/3/2008	September 2008 quarterly field walkdown	46			
466	Lodge Pond trail	No	Put sign at end of gravel to indicate trail continues	9/3/2008	September 2008 quarterly field walkdown	47			
467	Lodge Pond trail	No	Deer cages left around trees	9/3/2008	September 2008 quarterly field walkdown	48			
468	West of Lodge Pond trail	No	Large pile of sticks	9/3/2008	September 2008 quarterly field walkdown	49			
469	East of Lodge Pond trail	No	Felt matting and trash	9/3/2008	September 2008 quarterly field walkdown	50			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
470	East of Lodge Pond trail	No	Deep erosion	9/3/2008	September 2008 quarterly field walkdown	51			
471	North bern of Lodge Pond	No	Concrete block	9/3/2008	September 2008 quarterly field walkdown	52			
472	North bern of Lodge Pond	No	Various areas of felt matting	9/3/2008	September 2008 quarterly field walkdown	53			
473	North bern of Lodge Pond	No	Clay tile, black PVC, felt	9/3/2008	September 2008 quarterly field walkdown	54			
474	North bern of Lodge Pond	No	Large erosion gulley	9/3/2008	September 2008 quarterly field walkdown	55			
475	Northeast of Lodge Pond overlook	No	Clay tile and felt	9/3/2008	September 2008 quarterly field walkdown	56			
476	North pines west deer fence	No	East gate needs to be fastened closed	9/3/2008	September 2008 quarterly field walkdown	57			
477	North pines west deer fence	No	Hole in south side of fence	9/3/2008	September 2008 quarterly field walkdown	58			
478	West slope of Lodge Pond basin	No	Plants inside cages are dead	9/3/2008	September 2008 quarterly field walkdown	59			
479	South slope of Lodge Pond basin	No	Erosion rill	9/3/2008	September 2008 quarterly field walkdown	60			
480	South slope, east corner of Lodge Pond basin	No	Bare spot could become erosion issue	9/3/2008	September 2008 quarterly field walkdown	61			
481	Southeast corner pasture	No	Invasives scattered	9/3/2008	September 2008 quarterly field walkdown	62			
482	Southeast corner pasture	No	Ragweed and invasives along trail and fenceline	9/3/2008	September 2008 quarterly field walkdown	63			
483	Lodge Pond trail	No	Ragweed along trail	9/3/2008	September 2008 quarterly field walkdown	64			
484	East slope of Lodge Pond basin where culvert comes out	No	*Cannot make out commet - something about "establish veg."*	9/3/2008	September 2008 quarterly field walkdown	65			
485	East fence across from tower	No	Piece of glass	9/3/2008	September 2008 quarterly field walkdown	66			
486	Northeast of Lodge Pond by small vernal pool	No	Matting	9/3/2008	September 2008 quarterly field walkdown	67			
487	North side of Lodge Pond basin upper berm	No	White piece of ?	9/3/2008	September 2008 quarterly field walkdown	68			
488	North access road	No	Debris - blue	9/3/2008	September 2008 quarterly field walkdown	69			
489	North pines	No	Honeysuckle	9/3/2008	September 2008 quarterly field walkdown	70			
490	North pines	No	Tree root affecting fence	9/3/2008	September 2008 quarterly field walkdown	71			
491	North pines	No	Tree fell onto deer fence	9/3/2008	September 2008 quarterly field walkdown	72			

No.	Location	GPS?	Maintenance item identified	Date identified	Origin of Finding	Inspection Finding No.	Resolution	Date of resolution	Comments
492	North pines	No	Tree fell onto deer fence	9/3/2008	September 2008 quarterly field walkdown	73			
493	North pines, west deer fence	No	Tree/grapevine entangled with fence	9/3/2008	September 2008 quarterly field walkdown	74			
494	North pines, west deer fence	No	Tree down on fence	9/3/2008	September 2008 quarterly field walkdown	75			
495	A1PI wetlands, Basin 1	No	patch of phragmites	8/27/2008	Casual observation	na	seed heads cut and bagged.	9/4/2008	Plan to follow up with herbicide application

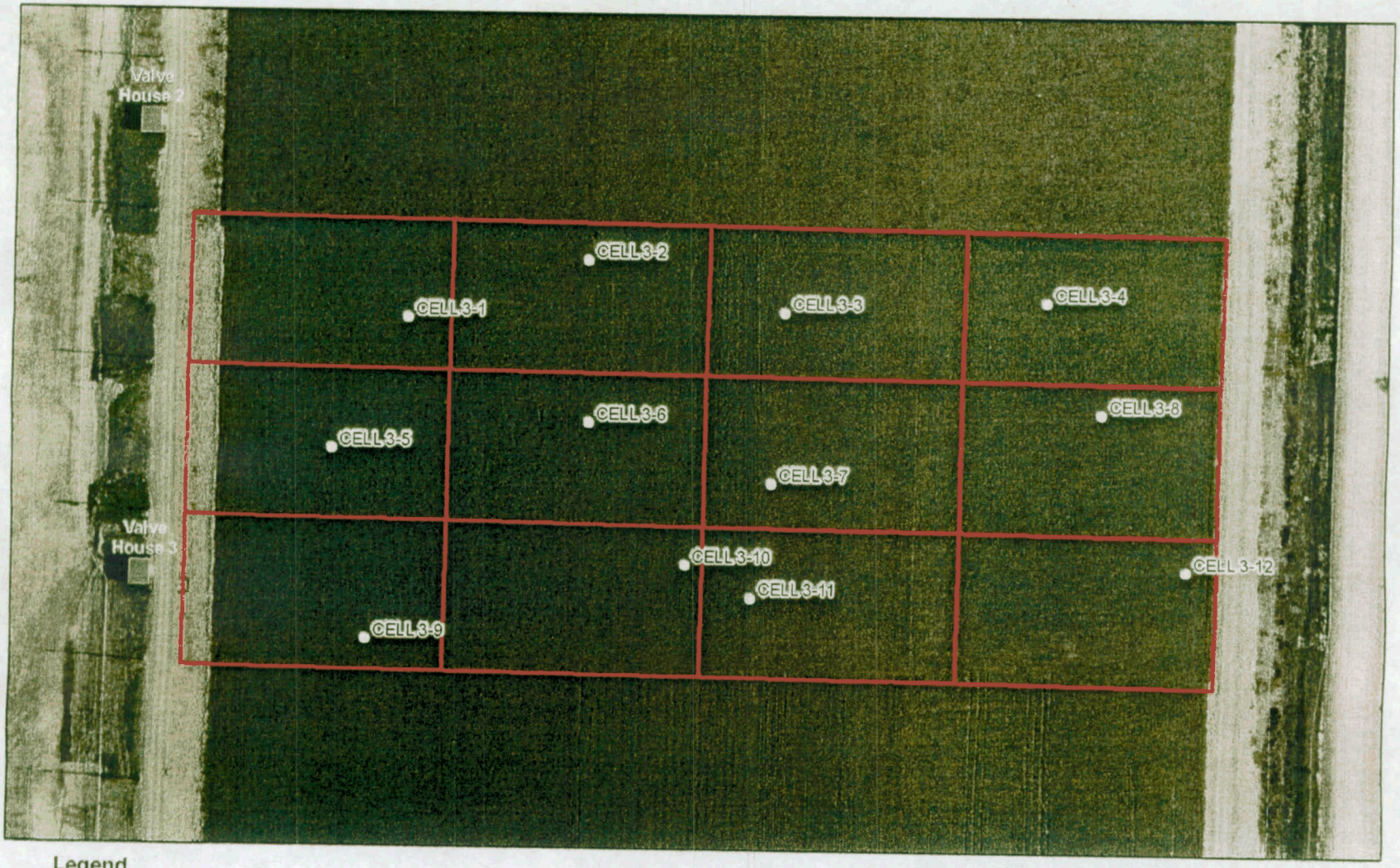
Herbaceous Cover Data Summary
Cell Cap 3

Average Total Cover Class:	90-100%
Native Spp.:	5
Non-Native Spp.:	2
Percent Native:	71%

(non native species are in bold)

Species	Common Name	Type	CC	Frequency (species/quadrat)	Relative Frequency
Aster pilosus	heath aster	forb	1	0.08	4%
Bouteloua curtipendula	side-oats gamma	grass	8	0.08	4%
Elymus canadensis	Canada wild rye	grass	6	1.00	43%
Monarda fistulosa	bergamot	forb	3	0.17	7%
Panicum virgatum	switch grass	grass	4	0.25	11%
Melilotus officinale	**yellow sweet clover**	forb	0	0.42	18%
Rumex Crispix	**curly dock**	forb	0	0.33	14%
			Native Species:	1.58	68%
			Non-Native Species:	0.75	32%

CC = Coefficient of Conservatism



OSDF Cell Cap 3 Herbaceous Sample Grid

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