Appendix C: Landfill Inspection Forms - Fourth Quarter CY 2009

C.1 Original Landfill

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 10/27/09 TIME: 0900 REVIEWED BY: Joyce Synk

TEMPERATURE: 46°F WEATHER CONDITIONS: Overcast + windy REVIEW DATE: 11-3-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?
☐ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The berm #1 area continues to look good with no cracks observed. The small ponding area in berm #7 was repaired by site staff on 10/6/09.

SLOPE STABILITY

REGION	EVIDENCE OF ~~SEEPS~~ cracks?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No	–
COVER – EAST	☐ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	–
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SEEPS (IF PRESENT)	☐ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No	–
			~~☐ Yes ☐ No~~	
			~~☐ Yes ☐ No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The Seep #4 area and WPC outfall have some surface expression, but were not flowing at the time of the inspection. Seep #7 was still dry. Seep #8 has a large area of surface flow and is producing ~ 1-2 gpm.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	-
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

There is a small hole in the top of berm #1 that is possibly an animal burrow of some kind. The hole has been marked with a flag and filled in. We will continue to monitor the hole in future inspections.

The quarterly vegetation survey will be completed in November 2009.

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST		☐ Yes ☐ No		
COVER - EAST		☐ Yes ☐ No		
DIVERSION BERM 1		☐ Yes ☐ No		
DIVERSION BERM 2		☐ Yes ☐ No		
DIVERSION BERM 3		☐ Yes ☐ No		
DIVERSION BERM 4		☐ Yes ☐ No		
DIVERSION BERM 5		☐ Yes ☐ No		
DIVERSION BERM 6		☐ Yes ☐ No		
DIVERSION BERM 7		☐ Yes ☐ No		
WEST PERIMETER CHANNEL		☐ Yes ☐ No		
EAST PERIMETER CHANNEL		☐ Yes ☐ No		
UPPER BUTTERESS FILL SIDESLOPE		☐ Yes ☐ No		
LOWER BUTTRESS FILL SIDESLPOE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / None.
DIVERSION BERM OUTFALL 2	
DIVERSION BERM OUTFALL 3	
DIVERSION BERM OUTFALL 4	
DIVERSION BERM OUTFALL 5	
DIVERSION BERM OUTFALL 6	
DIVERSION BERM OUTFALL 7	
WEST PERIMETER CHANNEL OUTFALL	
EAST PERIMETER CHANNEL OUTFALL	
FRENCH DRAIN OUTFALL (SID)	

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?			
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT:	-
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT:	-
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT:	-
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT:	-

MAINTENANCE REQUIRED

No maintenance required. We are currently building 9 sections of snow fence on the top (north side) of the OLF to help prevent snow from building up on the OLF cover.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: —
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: —

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Ponding in berm #7 needs further repair	9/28/09	Re-grade trough and remove high spot	10/6/09	N/A
Small burrow Found in berm #1	10/27/09	Fill burrow and mark w/Flag	10/27/09	We will continue to monitor burrow.

INSPECTOR SIGNATURE: _____ DATE: 10/27/09

REVIEWER SIGNATURE: _____ DATE: 11-3-09

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J McLaughlin DATE: 11/30/09 TIME: 0830 REVIEWED BY: [signature]

TEMPERATURE: 45 °F WEATHER CONDITIONS: cloudy REVIEW DATE: 12-3-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	-

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The berm #1 area still looks good. There is a new location ~175' east of the end of berm #7 that shows evidence of ponding. It is ~15' east of the ponding location that was repaired on 9/28/09. The new ponding area will be repaired by site staff ASAP.

SLOPE STABILITY

REGION	EVIDENCE OF ~~SEEPS~~ cracks?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SEEPS (IF PRESENT)	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
			~~Yes~~ ~~No~~	
			~~Yes~~ ~~No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The seep #4 and WPC outfall showed surface expression, but were not flowing. The seep #7 area showed some surface expression below berm #3. Seep #8 is flowing at ~ 1-2 gpm.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

GLF Vegetation Survey

VEGETATION

Jay K Nelson 12/1/09

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?	
COVER- WEST	none to good	☒ Yes ☐ No	0-100%	CEDI, VETHI, CIAR, SNEM, SAAM,	<1%
COVER - EAST	none to good	☒ Yes ☐ No	0-100%	VETHI, SNEM, SAAM, CEDI, VEBL,	<1%
DIVERSION BERM 1	none to good	☒ Yes ☐ No	0-95%	VETH, CEDI,	<1%
DIVERSION BERM 2	Sparse to good	☒ Yes ☐ No	5-95%	CEDI, VETHI,	<1%
DIVERSION BERM 3	Sparse to good	☒ Yes ☐ No	5-100%	CEDI, VETHI,	<1%
DIVERSION BERM 4	none to good	☒ Yes ☐ No	0-75%	CEDI, VETHI	<1%
DIVERSION BERM 5	Sparse to good	☒ Yes ☐ No	5-80%	VETHI, VEBL, CEDI,	<1%
DIVERSION BERM 6	Sparse to good	☒ Yes ☐ No	5-95%	VETHI,	<1%
DIVERSION BERM 7	Sparse to good	☒ Yes ☐ No	5-80%	CEDI, VETHI	<1%
WEST PERIMETER CHANNEL	none to moderate	☒ Yes ☐ No	0-50%	CANU, VETHI,	<1%
EAST PERIMETER CHANNEL	none to good	☒ Yes ☐ No	0-75%	VETHI,	<1%
UPPER BUTTERESS FILL SIDESLOPE (not seen)	Sparse to moderate	☒ Yes ☐ No	5-80%	VETHI, CEDI,	<1%
LOWER BUTTRESS FILL SIDESLPOE (not seen)	Sparse to good	☒ Yes ☐ No	5-75%	VETHI,	<1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Quite a few CEDI rosettes this fall.

Jay K Nelson 12/1/09

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / None.
DIVERSION BERM OUTFALL 2	"
DIVERSION BERM OUTFALL 3	"
DIVERSION BERM OUTFALL 4	"
DIVERSION BERM OUTFALL 5	"
DIVERSION BERM OUTFALL 6	"
DIVERSION BERM OUTFALL 7	"
WEST PERIMETER CHANNEL OUTFALL	"
EAST PERIMETER CHANNEL OUTFALL	"
FRENCH DRAIN OUTFALL (SID)	"

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?			
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT:	–
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT:	–
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT:	–
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT:	–

MAINTENANCE REQUIRED

The new snow fence that was installed along the top of the OLF is functioning as designed and preventing snow from building up on the OLF cover.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: —
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: —

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
There is an area ~175' east of the end of berm #7 that shows evidence of ponding.	11/30/09	Re-grade trough to allow continuous flow of water	-	Repairs will be completed ASAP

INSPECTOR SIGNATURE: _____ DATE: 11/30/09

REVIEWER SIGNATURE: _____ DATE: 12-3-09

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 12/30/09 TIME: 0900 REVIEWED BY: Greg Small

TEMPERATURE: 33 °F WEATHER CONDITIONS: overcast REVIEW DATE: 1-5-10

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?
☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The berm #1 area is still in good shape. The ponding area in berm #7, noted in last months inspection, was repaired on 12/6/09. There was no new evidence of ponding at the time of this inspection.

SLOPE STABILITY

REGION	EVIDENCE OF ~~SEEPS~~ cracks?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SEEPS (IF PRESENT)	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
			☐ ~~Yes~~ ☐ ~~No~~	
			☐ ~~Yes~~ ☐ ~~No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The area of Seep #7 approximately 10' SW of inclinometer 82608 was flowing at a rate of < .5 gpm. The surface flow isn't causing any erosion problems at this time. We will go ahead and install erosion controls to prevent problems in case higher flow rates are encountered. Seep #4 and the WPC drain outfall were flowing at ~ 1 gpm. Seep #8 is flowing at ~ 2-3 gpm.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

The quarterly vegetation inspection was completed in November.

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST		☐ Yes ☐ No		
COVER - EAST		☐ Yes ☐ No		
DIVERSION BERM 1		☐ Yes ☐ No		
DIVERSION BERM 2		☐ Yes ☐ No		
DIVERSION BERM 3		☐ Yes ☐ No		
DIVERSION BERM 4		☐ Yes ☐ No		
DIVERSION BERM 5		☐ Yes ☐ No		
DIVERSION BERM 6		☐ Yes ☐ No		
DIVERSION BERM 7		☐ Yes ☐ No		
WEST PERIMETER CHANNEL		☐ Yes ☐ No		
EAST PERIMETER CHANNEL		☐ Yes ☐ No		
UPPER BUTTERESS FILL SIDESLOPE		☐ Yes ☐ No		
LOWER BUTTRESS FILL SIDESLPOE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / None
DIVERSION BERM OUTFALL 2	"
DIVERSION BERM OUTFALL 3	"
DIVERSION BERM OUTFALL 4	"
DIVERSION BERM OUTFALL 5	"
DIVERSION BERM OUTFALL 6	"
DIVERSION BERM OUTFALL 7	"
WEST PERIMETER CHANNEL OUTFALL	"
EAST PERIMETER CHANNEL OUTFALL	"
FRENCH DRAIN OUTFALL (SID)	"

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT: —
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT: —

MAINTENANCE REQUIRED

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: —
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: —

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Ponding area in berm #7	11/30/09	Re-grade berm trough.	12/6/09	—
—	—	Annual Settlement Monument survey	12/15/09	—

INSPECTOR SIGNATURE: _____ DATE: 12/30/09

REVIEWER SIGNATURE: _____ DATE: 1-5-10

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C.2 Present Landfill

PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 11/30/09 TIME: 1100 REVIEWED BY: Joyce Synk

TEMPERATURE: 48°F WEATHER CONDITIONS: pt cloudy REVIEW DATE: 12-3-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE/CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
TOP OF COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH SEEP*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

Settlement Plates and side-slope monitoring points to be inspected for integrity. During Year 1, they will be surveyed quarterly, and annually thereafter

Integrity intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER (DESCRIBE BELOW)
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
PERIMETER CHANNEL OUTER SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
PERIMETER CHANNEL OUTER SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	-
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – NORTH SEEP*	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	-

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Seep on north side of east face is saturated, but shows no surface expression. Note that seep is located outside landfill cover.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
TOP OF COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	-
	VENT CAPS IN PLACE & SECURE?	**STANDPIPES IN GOOD CONDITION?**	**BIRDS OR INSECTS IN VENT CAPS?**	
COVER – BAROMETRIC VENTS	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No	-

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

PLF Vegetation Survey 12/11/09
Jeff Nelson

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	OTHER (DESCRIBE BELOW)	
TOP OF COVER – WEST	good	☒ Yes ☐ No	VETHI,	<1%
TOP OF COVER – EAST	moderate to good	☒ Yes ☐ No	CEDR, VETHI, [illegible],	<1%
EAST FACE SLOPE – NORTH	Sparse to good	☒ Yes ☐ No	ULPUI, CIARI, VETHI, ROARI, CEDR,	<1%
EAST FACE SLOPE – SOUTH	Sparse to good	☒ Yes ☐ No	CIARI, VETHI, SAEXI,	<1%
EAST FACE SLOPE – CENTRAL	sparse to good	☒ Yes ☐ No	HYPER, SAEXI, CIARI, ULPUI, VETHI	<1%
COVER SIDESLOPE – NORTH	moderate to good	☒ Yes ☐ No	VETHI, CIARI, CEDR	<1%
COVER SIDESLOPE – SOUTH	Sparse to good	☒ Yes ☐ No	VETHI, ~~CEDR~~ [illegible]	<1%
VEGETATION-LINED PERIMETER CHANNEL – NORTH	Sparse to good	☐ Yes ☒ No		
VEGETATION-LINED PERIMETER CHANNEL – SOUTH	sparse to good	☒ Yes ☐ No	VETHI	<1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Area lacks good. Snow has matted down most of the vegetation already.

JFW 12/11/09

SEEP TREATMENT SYSTEM

REGION	EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?	EVIDENCE OF CRACKS OR DETERIORATION?	OTHER (DESCRIBE BELOW)
GWIS INLET PIPES	☐ Yes ☒ No	☐ Yes ☒ No	-
STRIP DRAIN INLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	-
NORTH MANHOLE OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	-
SOUTH MANHOLE OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	-
TREATMENT UNIT	☐ Yes ☒ No	☐ Yes ☒ No	-
TREATMENT UNIT OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	-
NORTH MANHOLE	☐ Yes ☒ No	☒ Yes ☐ No	There are some new hairline cracks visible in the cement surrounding the manholes.
SOUTH MANHOLE	☐ Yes ☒ No	☒ Yes ☐ No	
TREATMENT UNIT GRATING	NA	☐ Yes ☒ No	-

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

The cracks are not affecting the integrity of the manholes. They will be filled with new cement by site staff ASAP.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS/LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
VEGETATION-LINED PERIMETER CHANNEL – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
VEGETATION-LINED PERIMETER CHANNEL – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
RIPRAP-LINED PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
C350-LINED EAST FACE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST FACE RIPRAP CHANNEL – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST FACE RIPRAP CHANNEL – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION/SEDIMENT DEPTH
DIVERSION BERM OUTFALL – NORTH	Good condition / < .5" of sediment
DIVERSION BERM OUTFALL – SOUTH	
CULVERT 1 OUTFALL	
CULVERT 2 OUTFALL	
SOUTHWEST CULVERT OUTFALL	

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

STRUCTURE	CONDITION
CULVERT 1	Good condition
CULVERT 2	"
SOUTHWEST CULVERT	"

MAINTENANCE REQUIRED/PHOTO LOG

None.

"RUN-ON" EROSION CONTROL

AREA	ADVERSELY AFFECTING PLF?		
RUN-ON INTO PERIMETER CHANNEL – NORTH	☐ Yes	☒ No	COMMENT: N/A
RUN-ON INTO PERIMETER CHANNEL – SOUTH	☐ Yes	☒ No	COMMENT: N/A
NATURAL DRAINAGE FED BY CULVERT 1	☐ Yes	☒ No	COMMENT: N/A
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: N/A
NATURAL DRAINAGE FED BY RIPRAP	☐ Yes	☒ No	COMMENT: N/A

MAINTENANCE REQUIRED/PHOTO LOG

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: N/A
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	☐ Yes	☒ No	COMMENT: N/A
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: N/A

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
small cracks in N+S manholes	11/30/09	Repair cracks	–	Repairs will be completed by Site staff ASAP.

INSPECTOR SIGNATURE: _____ DATE: 11/30/09

REVIEWER SIGNATURE: _____ DATE: 12-3-09