Appendix A

Landfill Inspection Forms and Survey Data

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 7/19/10 TIME: 1130 REVIEWED BY: [signature]

TEMPERATURE: 82° WEATHER CONDITIONS: Pt. Cloudy REVIEW DATE: 7-20-10

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 – Inspect integrity. Intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

There is a small depression located below berm # 6 approximately 100' from the west end of the berm. We will continue to monitor the depression and fill if it reaches a depth > 6".

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF SEEPS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	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	–

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

Seep #4 + #5 area is saturated and has some surface expression. Seep #7 Flow has slowed to ~ 1-2 gpm. Seep #2 + #3 areas continue to be saturated. Seep #8 is flowing at ~ 3-4 gpm. The WPC outfall was dry at the time of this inspection.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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.

OLF Vegetation Survey 7/8/10

VEGETATION

Judy Knudsen

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	CEDII, VETHI,	<1%
COVER - EAST	none to good	☒ Yes ☐ No	0-100%	ELAMI, SAEXI, SAAMI	<1%
DIVERSION BERM 1	none to good	☒ Yes ☐ No	0-95%	CEDII, VETHI	<1%
DIVERSION BERM 2	sparse to good	☒ Yes ☐ No	5-95%	CEDII,	<1%
DIVERSION BERM 3	none to good	☒ Yes ☐ No	5-100%	CEDII, SAEXI, SAAMI	<1%
DIVERSION BERM 4	none to good	☒ Yes ☐ No	0-75%	CEDII, ERCH	<1%
DIVERSION BERM 5	sparse to good	☒ Yes ☐ No	5-90%	CEDII, SAEXI, VETHI,	<1%
DIVERSION BERM 6	sparse to good	☒ Yes ☐ No	15-95%	CEDII	<1%
DIVERSION BERM 7	sparse to good	☒ Yes ☐ No	5-80%	CEDII, ELAMI	<1%
WEST PERIMETER CHANNEL	none to moderate	☒ Yes ☐ No	0-75%	ONAC1, CEDII, VETHI	<1%
EAST PERIMETER CHANNEL	none to good	☒ Yes ☐ No	0-90%	VETHI	<1%
UPPER BUTTERESS FILL SIDESLOPE flat area	sparse to good	☒ Yes ☐ No	5-90%	VETHI, LIDA1, ERCH	<1%
LOWER BUTTRESS FILL SIDESLPOE slope area	sparse to good	☒ Yes ☐ No	5-90%	VETHI, LIDA1,	<1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

OLF sprayed for weeds in Spring 2010. So not a lot of weeds expected. Most of what are recorded are dead plants or half live plants. (alive this year)

7/8/10

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

STORMWATER MANAGEMENT STRUCTURES

CHANNELS

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?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
TEMPORARY CHECK DAMS*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

* Check dams may be removed after vegetation is established.

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 / Minimal sediment
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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

"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

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSTITUTIONAL CONTROLS

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

OTHER DEFICIENCIES / PHOTO LOG

See attachment for details.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
cracks in berm #1 and berm #4 areas	6/30/10	Fill cracks and compact	7/8/10	-
Quarterly Settlement Monument Surveys	6/30/10	Complete surveys	6/30/10	-

INSPECTOR SIGNATURE: _____ DATE: 7/14/10

REVIEWER SIGNATURE: _____ DATE: 7-20-10

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 8/31/10 TIME: 1300 REVIEWED BY: Gye Smith

TEMPERATURE: 82°F WEATHER CONDITIONS: Pt. Cloudy REVIEW DATE: 9-2-10

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 – Inspect integrity. Intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

The small depression below berm #6 that was mentioned in last months inspection report has been filled and re-seeded.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF SEEPS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	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	—

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

See attachment for Seep details.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 July.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 SIDESLOPE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and "woody vegetation." Woody vegetation within the OLF waste footprint shall be removed. Other locations shall be evaluated per Section 3.5.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

STORMWATER MANAGEMENT STRUCTURES

CHANNELS

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?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
TEMPORARY CHECK DAMS*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

* Check dams may be removed after vegetation is established.

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 / Minimal sediment
DIVERSION BERM OUTFALL 2	" " Repaired area looks good.
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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

"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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: –
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS, OR BUILDINGS ON COVER?	☐ 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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Depression below Berm #6	7/19/10	Fill depression and re-seed	8/12/10	-
		JAM		

INSPECTOR SIGNATURE: _____ DATE: 8/31/10

REVIEWER SIGNATURE: _____ DATE: 9-2-10

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 9/23/10 TIME: 0900 REVIEWED BY: Joyce Sgroi

TEMPERATURE: 75 °F WEATHER CONDITIONS: Sunny + Calm REVIEW DATE: 9-30-10

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 – Inspect integrity. Intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF SEEPS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	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	–

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

See attachment For details on cover seeps.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 July.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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	JAL	
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 SIDESLOPE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and "woody vegetation." Woody vegetation within the OLF waste footprint shall be removed. Other locations shall be evaluated per Section 3.5.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

STORMWATER MANAGEMENT STRUCTURES

CHANNELS

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?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
TEMPORARY CHECK DAMS*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

* Check dams may be removed after vegetation is established.

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS / PHOTO LOG

None.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

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 / Minimal Sediment
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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

"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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: –
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS, OR BUILDINGS ON COVER?	☐ 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.

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PLAN INSPECTION FORM

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Erosion matting on Berm #1 needs repaired	9/23/10	Repaired matting	9/23/10	-
		Quarterly Settlement		-
		Monument Surveys	9/23/10	
		Monthly Inclinometer Downloads	9/30/10	-

INSPECTOR SIGNATURE: _____ DATE: 9/23/10

REVIEWER SIGNATURE: Amy Synott DATE: 9-30-10

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PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 8/31/10 TIME: 1100 REVIEWED BY: Jane Smith

TEMPERATURE: 78°F WEATHER CONDITIONS: Pt. cloudy REVIEW DATE: 9-2-10

METEOROLOGICAL STATION LOCATION: NREL

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 area was fairly dry at the time of this inspection. Soil only had a small amount of moisture in it.

* 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

Success criteria for vegetation at the PLF has been met. No further vegetation inspections are required.

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST		☐ Yes ☒ No	
TOP OF COVER – EAST		☒ Yes ☐ No	
EAST FACE SLOPE – NORTH		☐ Yes ☐ No	
EAST FACE SLOPE – SOUTH		☐ Yes ☐ No	
EAST FACE SLOPE – CENTRAL		☐ Yes ☐ No	
COVER SIDESLOPE – NORTH	JAM	☐ Yes ☐ No	
COVER SIDESLOPE – SOUTH		☐ Yes ☐ No	
VEGETATION-LINED PERIMETER CHANNEL – NORTH		☐ Yes ☐ No	
VEGETATION-LINED PERIMETER CHANNEL – SOUTH		☐ Yes ☐ No	

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

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	–
SOUTH MANHOLE	☐ Yes ☒ No	☐ Yes ☒ No	–
TREATMENT UNIT GRATING	NA	☐ Yes ☒ No	–

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

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 / Minimal 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: –
RUN-ON INTO PERIMETER CHANNEL – SOUTH	☐ Yes	☒ No	COMMENT: –
NATURAL DRAINAGE FED BY CULVERT 1	☐ Yes	☒ No	COMMENT: –
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: –
NATURAL DRAINAGE FED BY RIPRAP	☐ Yes	☒ No	COMMENT: –

MAINTENANCE REQUIRED/PHOTO LOG

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF CONSTRUCTION OF ROADS OR 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: —
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	☐ 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
		JAm		

INSPECTOR SIGNATURE: _____ DATE: 8/31/10

REVIEWER SIGNATURE: _____ DATE: 9-2-10

Rocky Flats Site
Original Landfill - Settlement Plates Monitoring
Quarterly Survey September 23, 2010 Comparison to Previous June 25, 2010

09-23-10 OBSERVATIONS					DELTA	DELTA	DELTA	06-25-10 OBSERVATIONS				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION	NORTHING	EASTING	ELEVATION	POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
20035	747913.6703	2082233.088	6005.891	PIPE-N-RIM-AA	0.01	-0.03	0.03	20000	747913.6833	2082233.062	6005.921	PIPE-N-RIM-AA
20038	747644.9397	2081851.204	5975.302	PIPE-N-RIM-BB	0.01	-0.03	0.05	20001	747644.9457	2081851.179	5975.356	PIPE-N-RIM-BB
20033	747883.3197	2081666.061	6019.601	PIPE-N-RIM-CC	0.01	0.01	0.00	20018	747883.3327	2081666.075	6019.605	PIPE-N-RIM-CC
20032	747803.4441	2081642.35	6006.096	PIPE-N-RIM-DD	0.01	0.00	0.01	20017	747803.4511	2081642.348	6006.104	PIPE-N-RIM-DD
20031	747700.7741	2081620.524	5988.52	PIPE-N-RIM-EE	0.00	-0.01	-0.01	20016	747700.7701	2081620.518	5988.512	PIPE-N-RIM-EE
20025	747704.4002	2081406.942	5997.174	PIPE-N-RIM-FF	0.00	-0.02	0.00	20010	747704.4002	2081406.922	5997.17	PIPE-N-RIM-FF
20030	747563.0966	2081656.321	5974.169	PIPE-N-RIM-GG	0.02	-0.02	0.00	20015	747563.1136	2081656.305	5974.171	PIPE-N-RIM-GG
20024	747741.6511	2081226.202	6013.167	PIPE-N-RIM-HH	-0.02	0.00	0.01	20009	747741.6311	2081226.203	6013.174	PIPE-N-RIM-HH

DELTAS ARE CALCULATED AS THE DIFFERENCE BETWEEN THE 09-23-10 OBSERVATION AND THE 06-25-10 OBSERVATION

POINTS ARE GRID BASED COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 27, NGVD 29

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