



October 11, 2013

Mr. Richard Conforti
Environmental Engineer
Office of Waste Management and Radiological Protection
Department of Environmental Quality
PO Box 30241
Lansing, MI 48909-7741

RE: *Quarterly Status Report –July 2013 – September 2013*
Coldwater Road Landfill
1245 East Coldwater Road, Flint, MI
MID 005 356 860
FILE: 15388/50137/Docs

Dear Mr. Conforti:

In accordance with requirements of the approved Post-Closure Care Plan, we are providing you with this Quarterly Status Report for the third quarter 2013.

1. Work Completed This Reporting Period

- » Dewatering of the leak detection vaults occurred on July 18, 2013, August 14, 2013, and September 12, 2013.
- » Additional dewatering of Vault E occurred on July 31, 2013.
- » The semi-annual leak detection system (LDS) and groundwater monitoring reports were prepared and submitted to the MDEQ on August 30, 2013.
- » Sampling of accumulated liquids was conducted on September 4, 2013.
- » Discharge of liquids from the accumulation tank occurred on September 12, 2013 and September 13, 2013.
- » The third quarter 2013 site inspection occurred on September 4, 2013 and September 13, 2013.

2. Summaries of Findings

- » The perimeter fence was repaired at three locations along the western side of the site on August 6, 2013.
- » Observed 15 potentially active animal burrows on September 4, 2013 and September 13, 2013 and set traps. See attached figure for animal burrow locations and photo log for detailed information concerning animal burrow activities for this quarter.

3. Summaries of Changes

- » None.

4. Summaries of all Contact with Local Community

None.

5. Summaries of all Problems

- » None.

6. Actions Being Taken to Rectify Problems

» None.

7. Changes in Personnel

» None.

8. Projected Work

- » Dewatering of the leak detection vaults is scheduled for October 16, 2013, November 14, 2013, and December 17, 2013.
- » Sampling and discharge of accumulated liquids will be conducted as needed.
- » The fourth quarter 2013 site inspection will be conducted in September 2013.
- » The grass around the building and landfill will be mowed as needed.

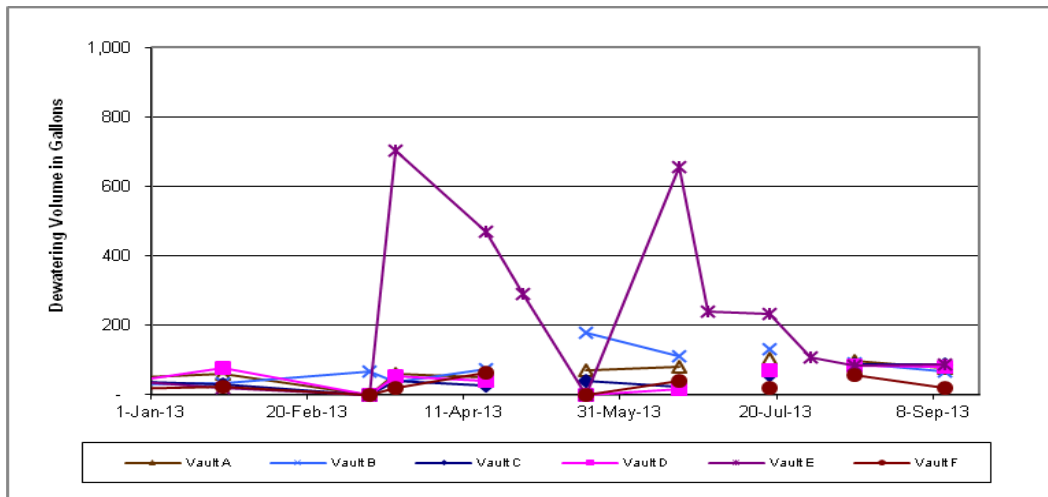
9. Reports/Data

- » Leak detection Vaults A, B, C, D, E and F were pumped on July 18, 2013, August 14, 2013, and September 12, 2013, and Vault E was also pumped an additional time on July 31, 2013.
- » The following table presents the vault dewatering and monthly leachate sump data for the third quarter:

DATE 2012	GALLONS LEAK DET A	GALLONS LEAK DET B	GALLONS LEAK DET C	GALLONS LEAK DET D	GALLONS LEAK DET E	GALLONS LEAK DET F	TOTAL LEAK GALLONS	MONTHLY SUMP VOLUMES GALLONS
18-Jul-13	105	130	58	69	232	18	612	148
31-Jul-13	--	--	--	--	106	--	106	318
14-Aug-13	96	91	86	83	82	56	494	355
12-Sept-13	77	68	88	81	88	18	420	359
TOTAL	278	289	232	233	508	92	1,632	1,180

Total volume of water removed from the vaults during the third quarter was 1,632 gallons. According to the master flow meter and discharge records, a total of 1,180 gallons were pumped from the sumps during the third quarter.

The following graph presents the vault dewatering data in graphical format for the past year:



Vault E exceeded 200 gallons during the July dewatering and was dewatered a second time during that month to help keep the vault dewatered.

10. Active Task 2013 Budget Status

- » Task 1 – Continue Ongoing OMM: 75% complete, 83% of 2013 budget.
- » Task 4 – Fe & Mn Delineation: 70% complete, 70% of 2013 budget.
- » Task 6 – Agency Coord./Negotiation & Reporting: 75% complete, 65% of 2013 budget.
- » Task 7 – Project Management & Coordination: 75% complete, 95% of 2013 budget.

Please call me at 248-477-5701 x16 if you have any questions.

Very truly yours,

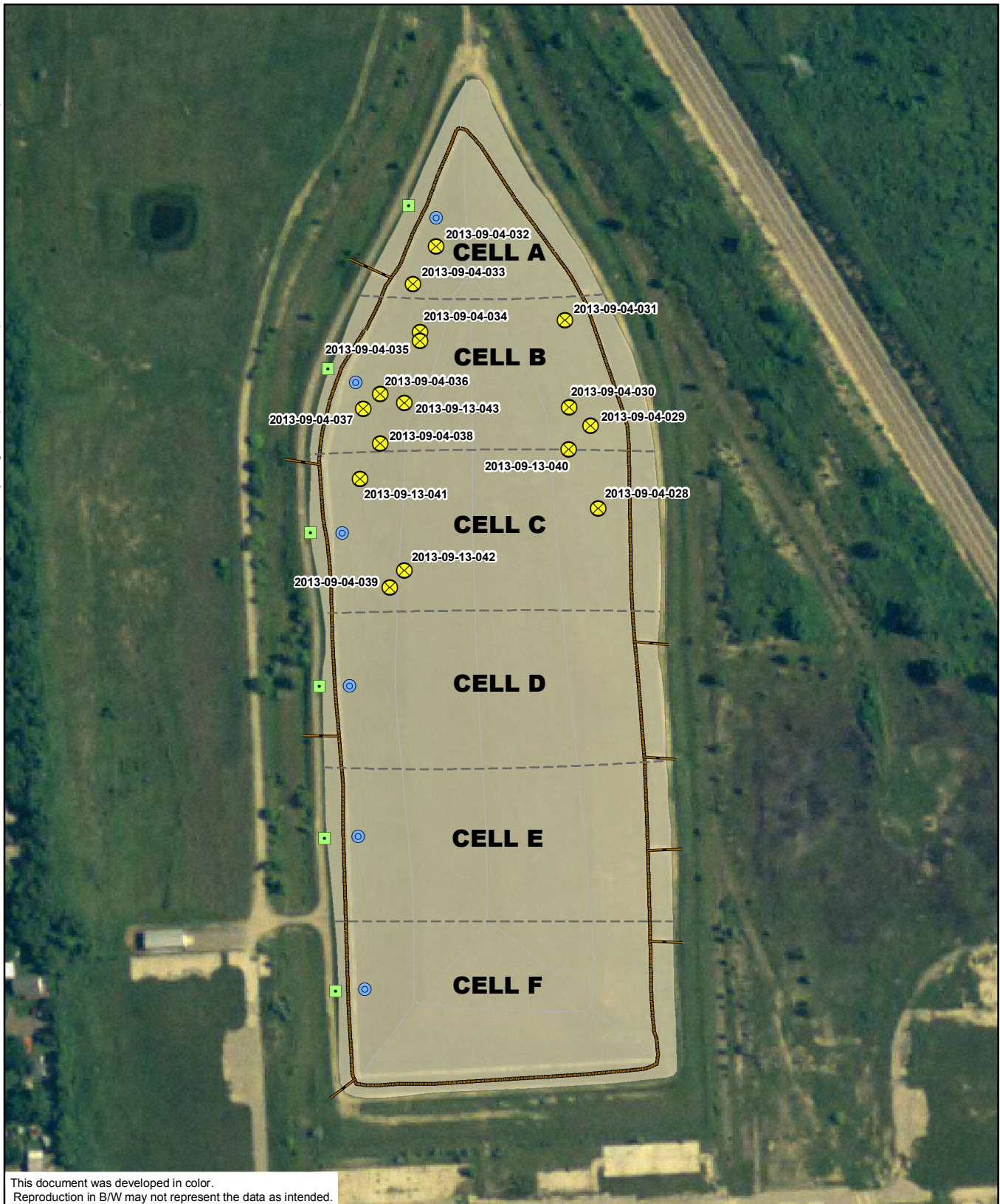
O'BRIEN & GERE ENGINEERS, INC.



Clifford Yantz
Scientist-3

cc: Mr. Grant Trigger – RACER Trust
Mr. David Favero – RACER Trust
Mr. Kevin Schneider – O'Brien & Gere

PLOTDATE: 09/18/13 10:58:32 AM SchneikB
 I:\Racer-Trust\15388\50137.Coldwater-Landfill\Docs\Reports\Quarterly Progress Report\3rd Qrt - September\001 - Animal Burrow Location Map 3rd Qrt-2013.mxd



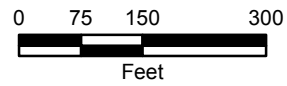
This document was developed in color.
 Reproduction in B/W may not represent the data as intended.

LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT
- ⊗ ANIMAL BURROW LOCATION

RACER TRUST
 COLDWATER ROAD
 LANDFILL FACILITY
 FLINT, MICHIGAN

**3RD QUARTER 2013
 BURROW LOCATION
 MAP**



COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: C4 – Middle of Slope		APPROX. LENGTH: 2+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-028 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: C4 – Middle of Slope		APPROX. LENGTH: 2+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 8 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-029 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 8 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				



COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 7 ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-04-030 PRE repair photo. No activity. No signs of liner damage.				
LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 7 ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 2 ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-031 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: B3 – Middle of Slope		APPROX. LENGTH: 2 ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: A1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-032 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: A1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: A1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-033 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: A1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 9 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-034 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 9 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				



COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: ID: 2013-09-04-035 PRE repair photo. Trap set up for a week. No activity. No signs of liner damage.				
LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/17/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/19/13			
NOTES: ID: 2013-09-04-036 PRE repair photo. Trap set up for a week. No activity. Possibly connected with 2013-09-04-037. No signs of liner damage.				
LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/19/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5 + ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/19/13			
NOTES: ID: 2013-09-04-037 PRE repair photo. Trap set up for a week. No activity. Possibly connected with 2013-09-04-036. No signs of liner damage.				
LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 5 + ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 7 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/19/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 2 ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-04-038 PRE repair photo. No activity. No signs of liner damage.				
LOCATION: B1 – Middle of Slope		APPROX. LENGTH: 2 ft	APPROX. DEPTH: 6 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: C1 – Top of Slope		APPROX. LENGTH: 3+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-04-039 PRE repair photo. Trap set up for a week. Trapped Raccoon. No signs of liner damage.				
LOCATION: C1 – Top of Slope		APPROX. LENGTH: 3+ ft	APPROX. DEPTH: 1 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/4/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: C4 – Top of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1.5 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-13-040 PRE repair photo. No activity. No signs of liner damage.				
LOCATION: C4 – Top of Slope		APPROX. LENGTH: 5+ ft	APPROX. DEPTH: 1.5 ft	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION: C1 – Middle of Slope		APPROX. LENGTH: 3+ ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/19/13			
NOTES: ID: 2013-09-13-041 PRE repair photo. Trap set for a week. No activity. No signs of liner damage.				
LOCATION: C1 – Middle of Slope		APPROX. LENGTH: 3+ ft	APPROX. DEPTH: 8 inch	APPROX. DIAMETER: 6 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/19/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
C1 – Top of Slope		2 ft	6 inch	5 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-13-042 PRE repair photo. No activity. No signs of liner damage.				
LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
C1 – Top of Slope		2 ft	6 inch	5 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
B1 – Top of Slope		5+ ft	8 inch	3 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: ID: 2013-09-13-043 PRE repair photo. No activity. No signs of liner damage.				
LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
B1 – Top of Slope		5+ ft	8 inch	3 inch
DATE FOUND: 9/13/13	DATE CLOSED: 9/13/13			
NOTES: POST repair photo. Filled in burrow.				