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October 10, 2016

**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 2016 – September 2016*  
*Coldwater Road Landfill*  
*1245 East Coldwater Road, Flint, MI*  
*MID 005 356 860*  
FILE: 15388/62658/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 2016.

**1. Work Completed This Reporting Period**

- » Dewatering of the leak detection vaults occurred on July 26, 2016 and August 17, 2016.
- » The semi-annual leak detection system (LDS) and groundwater monitoring reports were prepared and submitted to the MDEQ on August 29, 2016.
- » Annual inspection with the City of Flint, Department of Public Works and Utilities Water Pollution Control occurred on September 7, 2016.
- » Sampling of accumulated liquids was conducted on September 7, 2016 and September 16, 2016.
- » Discharge of liquids from the accumulation tank occurred on September 26, 2016.
- » The third quarter 2016 site inspection occurred on September 26, 2016.

**2. Summaries of Findings**

- » Observed 2 potentially active animal burrows on June 23, 2016 and set traps. The animal burrows were closed out on August 30, 2016. Observed 2 potentially active animal burrows on September 26, 2016 and set traps. The animal burrows were closed out on September 30, 2016. Details of the animal burrows are located in the attached photo log and map.

**3. Summaries of Changes**

- » None.

**4. Summaries of all Contact with Local Community**

- » None.

**5. Summaries of all Problems**



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» 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 14, 2016, November 17, 2016 and December 15, 2016.
- » Sampling and discharge of accumulated liquids will be conducted as needed.
- » The fourth quarter 2016 site inspection will be conducted in December 2016.
- » Semi-annual groundwater and LDS monitoring will be conducted during the last week of November 2016, weather dependent.

## 9. Reports/Data

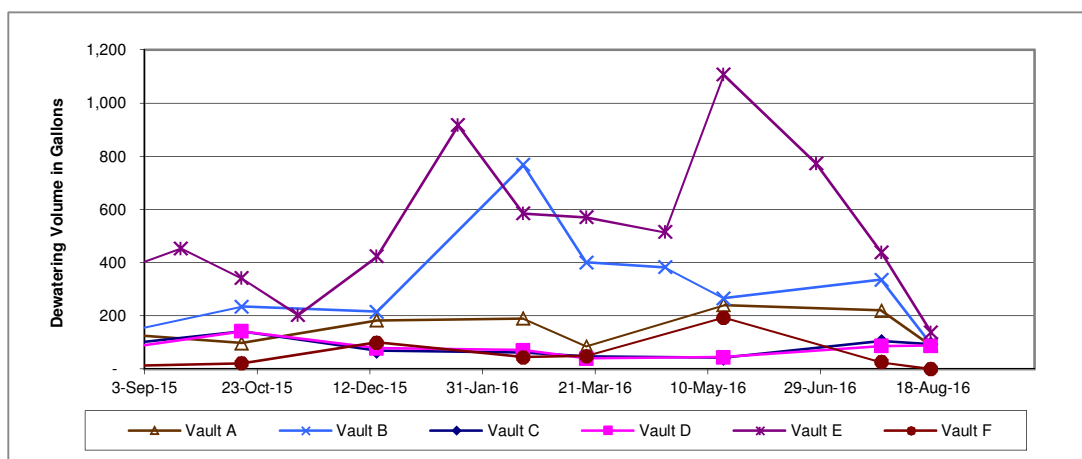
- » The following table presents the vault dewatering and monthly leachate sump data for the third quarter:

DATE 2016	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
26-July-16	220	335	105	87	439	26	1,212	642
8-Aug-16	89	94	94	88	138	0	503	145
*Sept-16	--	--	--	--	--	--	--	893
<b>TOTAL</b>	<b>309</b>	<b>429</b>	<b>199</b>	<b>175</b>	<b>577</b>	<b>26</b>	<b>1,715</b>	<b>1,680</b>

\* Per the revised Post-Closure Care Plan approved on November 7, 2014, the dewatering of the leak detection vaults was not conducted in September because the volume from each vault was below 300 gallons in August.

Total volume of water removed from the vaults during the third quarter was 1,715 gallons. According to the master flow meter and discharge records, a total of 1,680 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:



## 10. Active Task 2016 Budget Status

- » Task 1 – Continue Ongoing OMM: 75% complete, 87% of 2016 budget.
- » Task 4 – Fe & Mn Delineation: 1% complete, 1% of 2016 budget.
- » Task 6 – Agency Coord./Negotiation & Reporting: 52% complete, 32% of 2016 budget.
- » Task 7 – Project Management & Coordination: 75% complete, 59% of 2016 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

# COLDWATER RD LANDFILL | ANIMAL BURROW PHOTO LOG

LOCATION: Cell D4 – middle of slope		APPROX. LENGTH: 4+ ft	APPROX. DEPTH: 6-8 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 6/23/16	DATE CLOSED: 8/30/16			
NOTES:  <b>ID: 2016-80-30-054</b>  PRE repair photo of burrow.  Trap set up for 2 weeks. Trapped animal.  No signs of liner damage.				
LOCATION: Cell D3 – middle of slope		APPROX. LENGTH: 4+ ft	APPROX. DEPTH: 6-8 inch	APPROX. DIAMETER: 5 inch
DATE FOUND: 6/23/16	DATE CLOSED: 8/30/16			
NOTES:  <b>ID: 2016-08-30-054</b>  POST repair photo. Filled in burrow.				


# COLDWATER RD LANDFILL | ANIMAL BURROW PHOTO LOG


LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell B1 – middle of slope		1.5 ft	6 inch	4 inch
DATE FOUND:	DATE CLOSED:			
6/23/16	8/30/16			
NOTES:				
ID: 2016-08-30-055				
PRE repair photo of burrow.				
Trap set up for 2 weeks.				
Trapped animal.				
No signs of liner damage.				

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell B1 – middle of slope		1.5 ft	6 inch	4 inch
DATE FOUND:	DATE CLOSED:			
6/23/16	8/30/16			
NOTES:				
ID: 2016-08-30-055				
POST repair photo.				
Filled in burrow.				



# COLDWATER RD LANDFILL | ANIMAL BURROW PHOTO LOG

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell C1 – middle of slope		1.5 ft	1 ft	6 inch
DATE FOUND:	DATE CLOSED:			
9/26/16	9/30/16			
NOTES:				
ID: 2016-09-30-056				
PRE repair photo of burrow.				
Trap set up for 5 days.				
No activity.				
No signs of liner damage.				

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell C1 – middle of slope		1.5 ft	1 ft	6 inch
DATE FOUND:	DATE CLOSED:			
9/26/16	9/30/16			
NOTES:				
ID: 2016-09-30-056				
POST repair photo.				
Filled in burrow.				

# COLDWATER RD LANDFILL | ANIMAL BURROW PHOTO LOG

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell F4 – middle of slope		1 ft?	8 inch	6 inch
DATE FOUND:	DATE CLOSED:			
6/26/16	9/30/16			
NOTES:				
ID: 2016-09-30-057				
PRE repair photo of burrow.				
Trap set up for 5 days. Trapped animal.				
Banks to the west, difficult to determine the length of burrow.				
No signs of liner damage.				




LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell F4 – middle of slope		1 ft?	8 inch	6 inch
DATE FOUND:	DATE CLOSED:			
6/23/16	9/30/16			
NOTES:				
ID: 2016-09-30-057				
POST repair photo.				
Filled in burrow.				



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 I:\Racer-Trust\_15388\62658.Coldwater-Rd-LI\Docs\Reports\Quarterly Progress Report\3rd Qrt - September\001 - Animal Burrow Location Map 3rd Qrt-2016.mxd



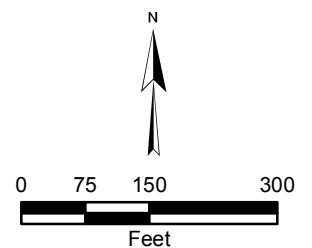
**LEGEND**

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

15388/62658  
 OCTOBER 2016

RACER TRUST  
 COLDWATER ROAD  
 LANDFILL FACILITY  
 FLINT, MICHIGAN

**3RD QUARTER 2016  
 BURROW LOCATION  
 MAP**



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