

OBG | There's a way

January 7, 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 –October 2015 – December 2015*  
*Coldwater Road Landfill*  
*1245 East Coldwater Road, Flint, MI*  
*MID 005 356 860*

FILE: 15388/60794/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 fourth quarter 2015.

### **1. Work Completed This Reporting Period**

- » Dewatering of the leak detection vaults occurred on October 16, 2015, November 10, 2015, and December 15, 2015.
- » Semiannual groundwater monitoring well and leak detection vault sampling occurred the week of November 16, 2015.
- » Sampling of accumulated liquids was conducted on November 23, 2015.
- » Discharge of liquids from the accumulation tank occurred on December 1, 2015.
- » The fourth quarter 2015 site inspection occurred on December 15, 2015 and December 17, 2015.

### **2. Summaries of Findings**

- » Observed one potentially active animal burrow on December 15, 2015 and set trap. There was no activity at burrow and on December 17, 2015 the burrow was filled in and closed out. On December 15, 2015 a number of mole mounds were observed at Cell F3 and Cell F4. Mole traps were set on December 30, 2015 and will be monitored during the first quarter 2016. See attached figure for animal burrow location 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 January 14, 2016, February 17, 2016, and March 15, 2016.
- » Sampling and discharge of accumulated liquids will be conducted as needed.
- » The first quarter 2016 site inspection will be conducted in March 2016.
- » The semiannual groundwater monitoring and leak detection sampling will be conducted during the second quarter.

## 9. Reports/Data

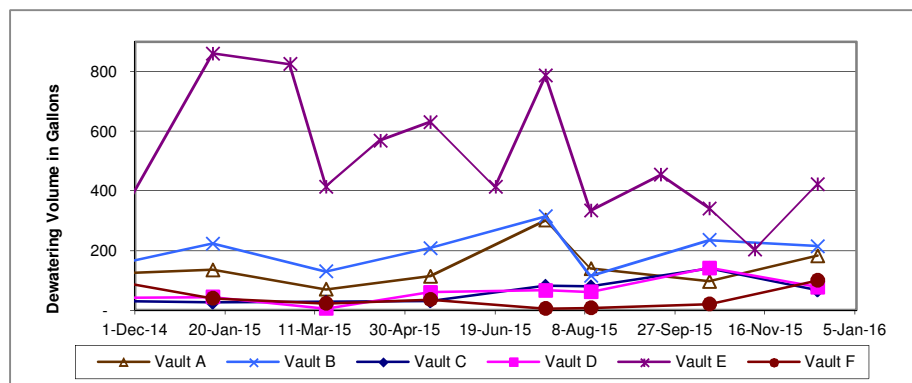
- » The following table presents the vault dewatering and monthly leachate sump data for the fourth quarter:

DATE 2015	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
16-Oct-15	97*	235*	141*	142*	341	21*	977	0
10-Nov-15	--	--	--	--	203	--	203	151
15-Dec-15	183*	215*	68*	78*	423	100*	1,067	21
<b>TOTAL</b>	<b>280</b>	<b>450</b>	<b>209</b>	<b>220</b>	<b>967</b>	<b>121</b>	<b>2,247</b>	<b>172</b>

\* Indicates 2 month totals

Total volume of water removed from the vaults during the fourth quarter was 2,247 gallons. According to the master flow meter and discharge records, a total of 172 gallons were pumped from the sumps during the fourth quarter.

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



## 10. Active Task 2015 Budget Status

- » Task 1 – Continue Ongoing OMM: 100% complete, 100% of 2015 budget.
- » Task 4 – Fe & Mn Delineation: 100% complete, 100% of 2015 budget.
- » Task 6 – Agency Coord./Negotiation & Reporting: 100% complete, 80% of 2015 budget.
- » Task 7 – Project Management & Coordination: 100% complete, 86% of 2015 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



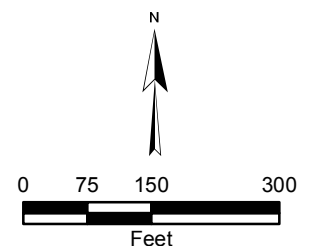
**LEGEND**

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

15388/60794  
JANUARY 2016

RACER TRUST  
COLDWATER ROAD  
LANDFILL FACILITY  
FLINT, MICHIGAN


**4TH QUARTER 2015  
BURROW LOCATION  
MAP**




O'BRIEN & GERE ENGINEERS, INC.



4<sup>TH</sup> QRT - PHOTOGRAPHIC LOG

LOCATION:		APPROX. LENGTH:	APPROX. DEPTH:	APPROX. DIAMETER:
Cell F3 – Middle of slope		4+ feet	1 foot	4 inches
DATE FOUND:	DATE CLOSED:			
12/15/15	12/17/15			
<b>NOTES:</b> <b>ID: 2015-12-17-053</b>  PRE repair photo of burrow.  Trap set up for 2 days. No activity.  No signs of liner damage.				

<b>LOCATION:</b>  Cell F3 – Middle of slope		<b>APPROX. LENGTH:</b>  4+ feet	<b>APPROX. DEPTH:</b>  1 foot	<b>APPROX. DIAMETER:</b>  4 inches
<b>DATE FOUND:</b>  12/15/15	<b>DATE CLOSED:</b>  12/17/15			
<b>NOTES:</b>  <b>ID: 2015-12-17-053</b>  POST repair photo.  Filled in burrow.				