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October 13, 2017

**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 2017 – September 2017*  
*Coldwater Road Landfill*  
*1245 East Coldwater Road, Flint, MI*  
*MID 005 356 860*

FILE: 15388/64737/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 2017.

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

- » Dewatering of the leak detection vaults occurred on July 13, 2017, August 24, 2017, and September 20, 2017.
- » Sampling of accumulated liquids was conducted on September 8, 2017.
- » Annual inspection with the City of Flint, Department of Public Works and Utilities Water Pollution Control occurred on September 8, 2017.
- » The annual Groundwater Monitoring and Leak Detection System (LDS) were submitted on August 28, 2017.
- » Discharge of liquids from the accumulation tank occurred on September 26, 2017 and September 27, 2017.
- » The third quarter 2017 site inspection occurred on September 27, 2017 and September 28, 2017.

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

- » Observed one potentially active animal burrows on September 27, 2016 and set trap. The animal burrow will be closed out during the fourth quarter.

### **3. Summaries of Changes**

- » None.

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

- » None.

### **5. Summaries of all Problems**



37000 Grand River Avenue, Suite 260  
Farmington Hills, MI 48335



p 248-477-5701  
f 248-477-5962



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- » Due possibly to a large rain event, two areas of erosion were discovered on July 13, 2017. The areas were on the east and west side of Cell E and washout (sand) was observed in the swale riprap. The area on the eastern side of Cell E had settled, and was subsequently repaired.

#### 6. Actions Being Taken to Rectify Problems

- » On September 8, 2017, the area of erosion that settled on the eastern side of Cell E was brought back to grade with sand and top soil. See attached photo log and figure.

#### 7. Changes in Personnel

- » None.

#### 8. Projected Work

- » Dewatering of the leak detection vaults is scheduled for October 14, 2017, November 13, 2017, and December 16, 2017.
- » Sampling and discharge of accumulated liquids will be conducted as needed.
- » The fourth quarter 2017 site inspection will be conducted in December 2017.

#### 9. Reports/Data

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

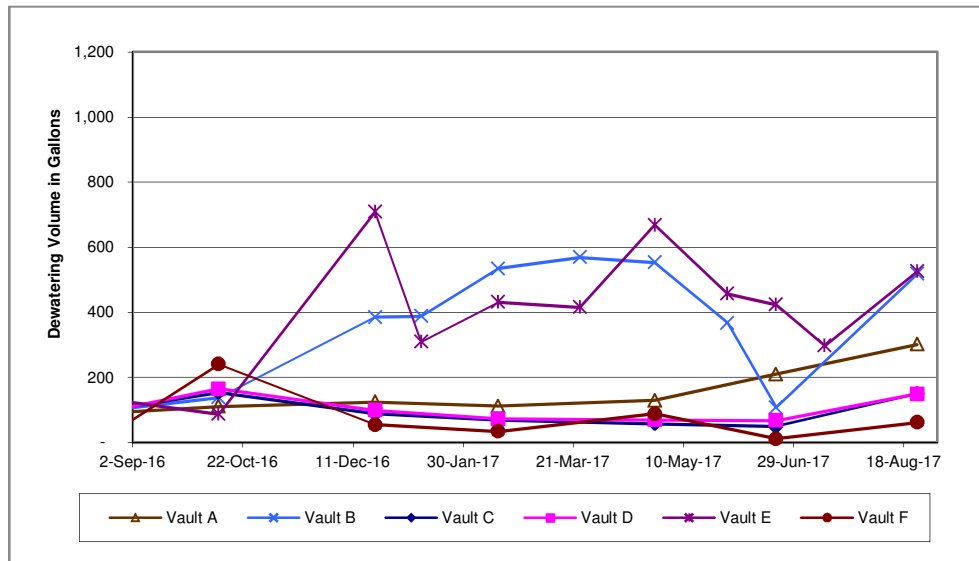
DATE 2017	GALLONS LEAK DET A	GALLONS LEAK DET B	GALLONS LEAK DET C	GALLONS LEAK DET D	GALLONS LEAK DET E	GALLONS LEAK DET F	TOTAL LEAK GALLONS	MONTHLY SUMP VOLUMES GALLONS
13-Jul-17	--	--	--	--	298	--	298	356
24-Aug-17	302*	518*	150*	149*	526	62*	1,707	1,946
20-Sep-17	113	81	83	70	296	195	838	310
<b>TOTAL</b>	<b>415</b>	<b>599</b>	<b>233</b>	<b>219</b>	<b>1,120</b>	<b>257</b>	<b>2,843</b>	<b>2,612</b>

\* Indicates 2 month totals

Total volume of water removed from the vaults during the third quarter was **2,843** gallons. According to the master flow meter and discharge records, a total of **2,612** 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 2017 Budget Status

- » Task 1 – Continue Ongoing OMM: 75% complete, 81% of 2017 budget.
- » Task 4 – Fe & Mn Delineation: 0% complete, 0% of 2017 budget.
- » Task 6 – Agency Coord./Negotiation & Reporting: 75% complete, 42% of 2017 budget.
- » Task 7 – Project Management & Coordination: 75% complete, 14% of 2017 budget.
- » Task 9 – PFAS Investigation: 50% complete, 50% of 2017 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

3rd QRT 2017

I:\Racer-Trust\15388\50137 Coldwater\_Landfill\Docs\Reports\PCPP\_Updates\Figures\004 - Landfill Site Plan.mxd

PLOT DATE: 11/25/13

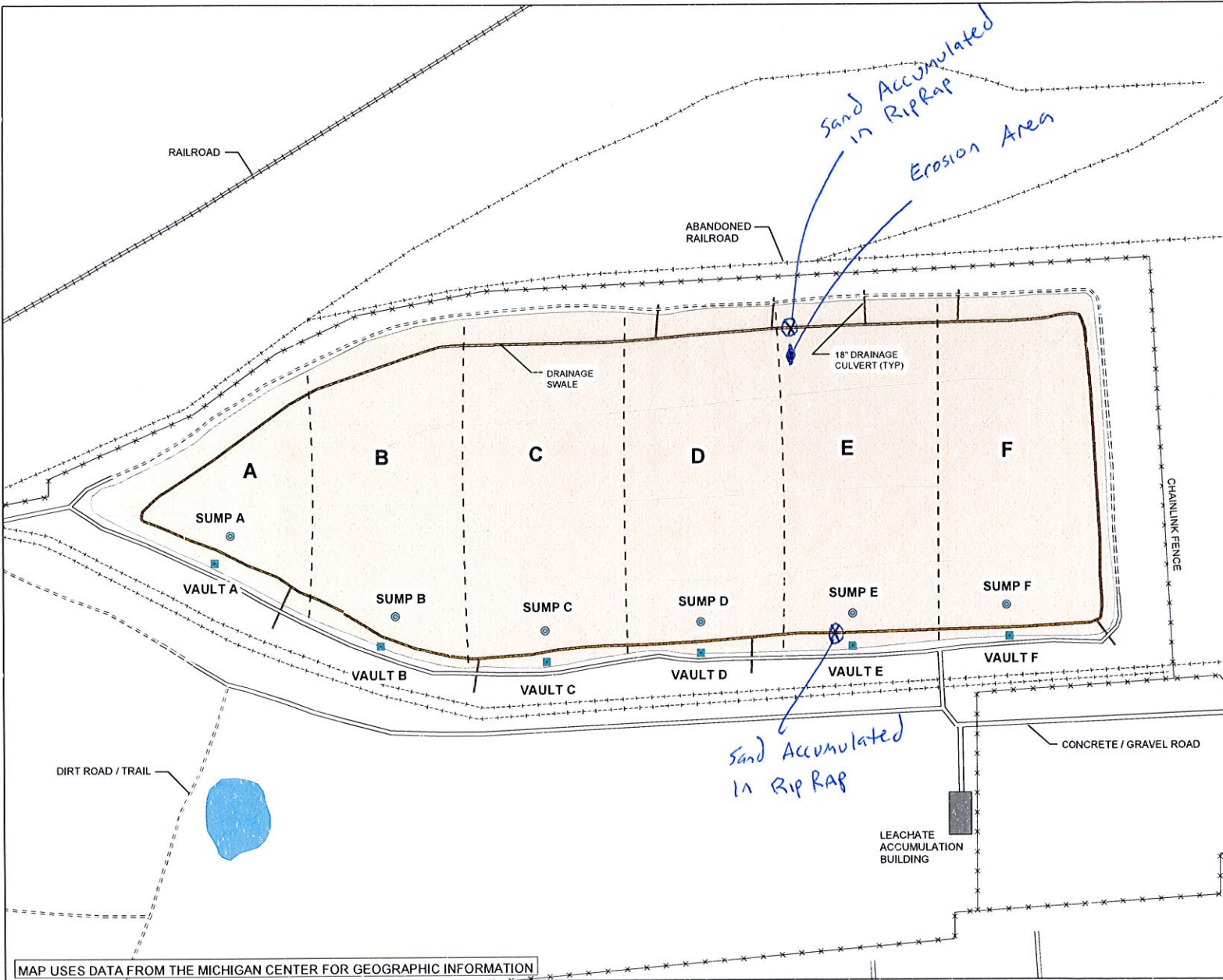


FIGURE 4



**LEGEND**

- ⊙ LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT

RACER TRUST  
COLDWATER ROAD  
LANDFILL FACILITY  
FLINT, MICHIGAN

**LANDFILL  
SITE PLAN**

0 60 120 180 240 300


Feet


NOVEMBER 2013  
15388-50137-004



MAP USES DATA FROM THE MICHIGAN CENTER FOR GEOGRAPHIC INFORMATION

PHOTOGRAPHIC LOG

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 1	<b>DATE:</b> 7/13/2017		
<b>DESCRIPTION</b> Photo of sand accumulated in riprap on eastern side of Cell E due to rain event. View looking northeast.			

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 2	<b>DATE:</b> 7/13/2017		
<b>DESCRIPTION</b> Photo of sand accumulated in riprap on western side of Cell E due to rain event. View looking east.			

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 3	<b>DATE:</b> 9/8/2017		
<b>DESCRIPTION</b> Photo of area of erosion on eastern side of Cell E. View looking west.			

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 4	<b>DATE:</b> 9/8/2017		
<b>DESCRIPTION</b> Photo of erosion area with topsoil removed prior to filling with sand. View looking west.			

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 5	<b>DATE:</b> 9/8/2017		
<b>DESCRIPTION</b> Photo of erosion area with sand replaced. View looking west.			

<b>CLIENT NAME:</b> RACER Trust		<b>SITE LOCATION:</b> Coldwater Rd Landfill	<b>PROJECT NO.</b> 64737
<b>PHOTO NO.</b> 6	<b>DATE:</b> 9/8/2017		
<b>DESCRIPTION</b> Photo of erosion area repaired. Replaced topsoil and spread grass seed. View looking west.			