



January 11, 2012

**Mr. Richard Conforti**  
Environmental Engineer  
Waste and Hazardous Materials Division  
Dept of Natural Resources and Environment  
PO Box 30241  
Lansing, MI 48909-7741

*RE: Quarterly Status Report –October 2011 – December 2011  
Coldwater Road Landfill  
1245 East Coldwater Road, Flint, MI  
MID 005 356 860 / Consent Order No. 64-05-92*

FILE: 15388/47850/Docs

Dear Mr. Conforti:

In accordance with requirements of the above referenced Consent Order, we are providing you with this Quarterly Status Report for the fourth quarter 2011. Monthly Status Reports were replaced with Quarterly Status Reports, as approved in your e-mail dated February 22, 2010.

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

- » Dewatering of the leak detection vaults occurred on October 13, 2011, November 10, 2011, and December 7, 2011.
- » Repaired hole in perimeter fence and section of down barbwire on October 5, 2011.
- » Painted over repaired cracks in containment wall on October 7, 2011.
- » Mowed grass around building and landfill access roads on October 12, 2011.
- » Inspected Vault D and removed broken section of PVC pipe on October 19, 2011. Inspected Vault A and removed broken section of PVC pipe on December 1, 2011.
- » Performed monitoring well development during the week of October 24, 2011.
- » Semi-annual groundwater and LDS monitoring was conducted during the week of November 14, 2011.
- » Installed new air compressor unit on December 1, 2011.
- » Sampling of accumulated liquids was conducted on December 1, 2011.
- » Installed new high density polyethylene (HDPE) pipes in leak detection vaults for dewatering on December 2, 2011. HDPE pipes should not become brittle like former PVC pipes.
- » The fourth quarter 2011 site inspection occurred on December 23, 2011.
- » Discharge of liquids from the accumulation tank occurred on December 28, 2011 and December 29, 2011.

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

- » Filled in 2 inactive animal burrows. See attached figure for animal burrow locations and photo log for detailed information concerning animal burrow activities for this quarter.

Perimeter fence and barbwire repair occurred along the west perimeter fence (1 repair).

**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**

» N/A.

**7. Changes in Personnel**

» None.

**8. Projected Work**

» Dewatering of the leak detection vaults is scheduled for January 18, 2012, February 15, 2012, and March 14, 2012.

» Sampling and discharge of accumulated liquids will be conducted as needed.

**9. Reports/Data**

» Leak detection Vaults A, B, C, D, E and F were pumped on October 13, 2011, November 10, 2011, and December 7, 2011.

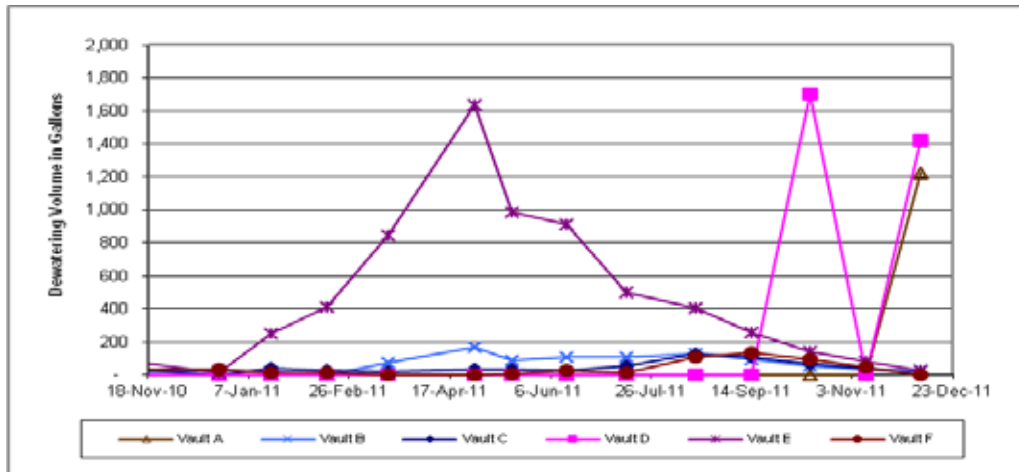
The following table presents the vault dewatering and monthly leachate sump data for the fourth quarter:

<b>DATE 2011</b>	<b>GALLONS LEAK DET A</b>	<b>GALLONS LEAK DET B</b>	<b>GALLONS LEAK DET C</b>	<b>GALLONS LEAK DET D</b>	<b>GALLONS LEAK DET E</b>	<b>GALLONS LEAK DET F</b>	<b>TOTAL LEAK GALLONS</b>	<b>MONTHLY SUMP VOLUMES GALLONS</b>
<b>13-Oct-11</b>	-	51	63	1,705	139	94	2,052	341
<b>10-Nov-11</b>	-	31	40	-	76	48	195	338
<b>7-Dec-11</b>	1,226	23	5	1,418	23	-	2,695	258
<b>TOTAL</b>	<b>1,226</b>	<b>105</b>	<b>108</b>	<b>3,123</b>	<b>238</b>	<b>142</b>	<b>4,942</b>	<b>937</b>

Total volume of water removed from the vaults during the fourth quarter was 4,942 gallons. According to the master flow meter, a total of 937 gallons were pumped from the sumps during the fourth quarter.

We are currently preparing a brief memorandum to provide an updated discussion of the activities, observations, and findings concerning the vault dewatering volumes and system, which we will submit under separate cover on or before January 20, 2012.

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



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

Very truly yours,

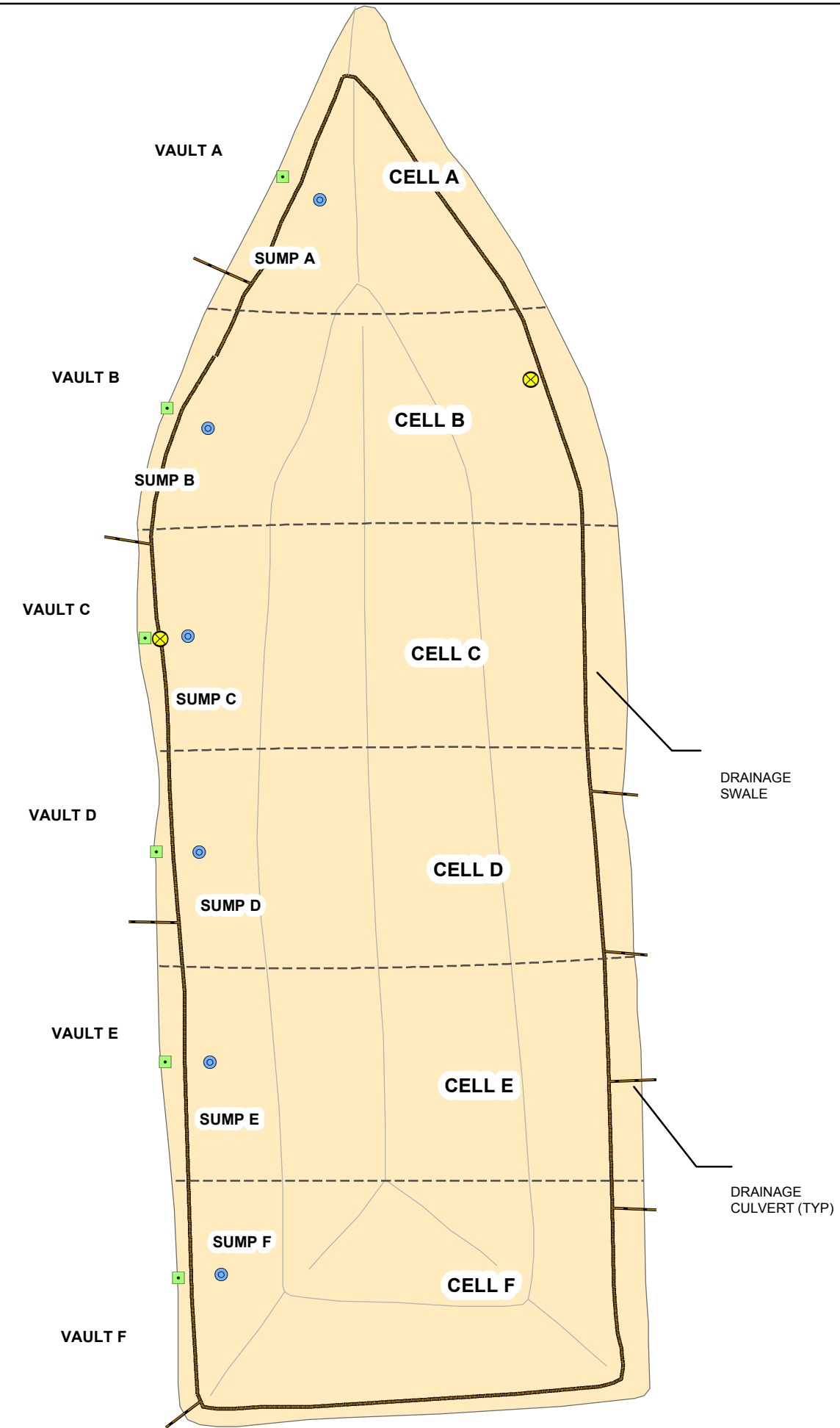
**O'BRIEN & GERE ENGINEERS, INC.**




Clifford Yantz  
Technical Associate

Attachments: Figure 1 – Animal Burrow Locations  
Animal Burrow Photo Log

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

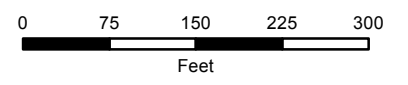
FIGURE 1



- LEGEND**
-  LEACHATE COLLECTION SUMP
  -  ACCESS PORT FOR LEAK DETECTION VAULT
  -  ANIMAL BURROWS

COLDWATER ROAD  
LANDFILL FACILITY  
FLINT, MICHIGAN



**Animal Burrow Locations**





January 2012  
14774/47850-006



COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

<b>LOCATION:</b> B3 - bottom of slope		<b>APPROX. LENGTH:</b> 1 foot	<b>APPROX. DEPTH:</b> 1 foot	<b>APPROX. DIAMETER:</b> 4 inches
<b>DATE FOUND:</b> 12/23/11	<b>DATE CLOSED:</b> 12/23/11			
<b>NOTES:</b> PRE repair photo.  Entry and Exit. Burrows appeared inactive.  No signs of liner damage.				
<b>LOCATION:</b> B3 - bottom of slope		<b>APPROX. LENGTH:</b> 1 foot	<b>APPROX. DEPTH:</b> 1 foot	<b>APPROX. DIAMETER:</b> 4 inches
<b>DATE FOUND:</b> 12/23/11	<b>DATE CLOSED:</b> 12/23/11			
<b>NOTES:</b> POST repair photo. Filled in burrow.				

COLDWATER RD LANDFILL – ANIMAL BURROW PHOTO LOG

<b>LOCATION:</b> C1 – near culvert		<b>APPROX. LENGTH:</b> 2 feet	<b>APPROX. DEPTH:</b> 6 inches	<b>APPROX. DIAMETER:</b> 3 inches
<b>DATE FOUND:</b> 12/23/11	<b>DATE CLOSED:</b> 12/23/11			
<b>NOTES:</b> PRE repair photo. Burrow appeared inactive. No signs of liner damage.				
<b>LOCATION:</b> C1 – near culvert		<b>APPROX. LENGTH:</b> 2 feet	<b>APPROX. DEPTH:</b> 6 inches	<b>APPROX. DIAMETER:</b> 3 inches
<b>DATE FOUND:</b> 12/23/11	<b>DATE CLOSED:</b> 12/23/11			
<b>NOTES:</b> POST repair photo. Filled in burrow.				