



January 11, 2011

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

**Subject:** *Quarterly Status Report – September – December 2010  
Coldwater Road Landfill  
1245 East Coldwater Road, Flint, MI  
MID 005 356 860 / Consent Order No. 64-05-92*

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 2010. 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 18, 2010, November 10, 2010, and December 23, 2010.
- » Landfill cap inspection with the Michigan Department of Natural Resources and Environment (MDNRE) occurred on October 20, 2010.
- » Three sections of the perimeter fence were repaired on October 27, 2010.
- » Installation of storm sewer manhole at the southwest corner of site occurred on November 5, 2010.
- » The remaining storm sewer blockage was cleared on November 12, 2010 and November 17, 2010, and the storm sewer is functioning properly.
- » The 2010 semi-annual groundwater monitoring and leak detection system sampling occurred on the week of November 8, 2010. The MDNRE split samples for monitoring wells B-20D, B-24r, B-27D, and B-28 on November 9, 2010.
- » The liner reseaming for Cell E occurred between November 16, 2010 and December 6, 2010.
- » Discharge of accumulated liquids from leachate tank occurred on November 26, 2010.
- » The fourth quarter 2010 site inspection occurred on December 29, 2010.

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

- » The storm sewer blockage was due to tree root encroachment. Approximately 150 ft of the storm sewer line was cleared 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 12, 2011, February 16, 2011, and March 16, 2011.
- » 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 18, 2010, November 10, 2010, and December 23, 2010.

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

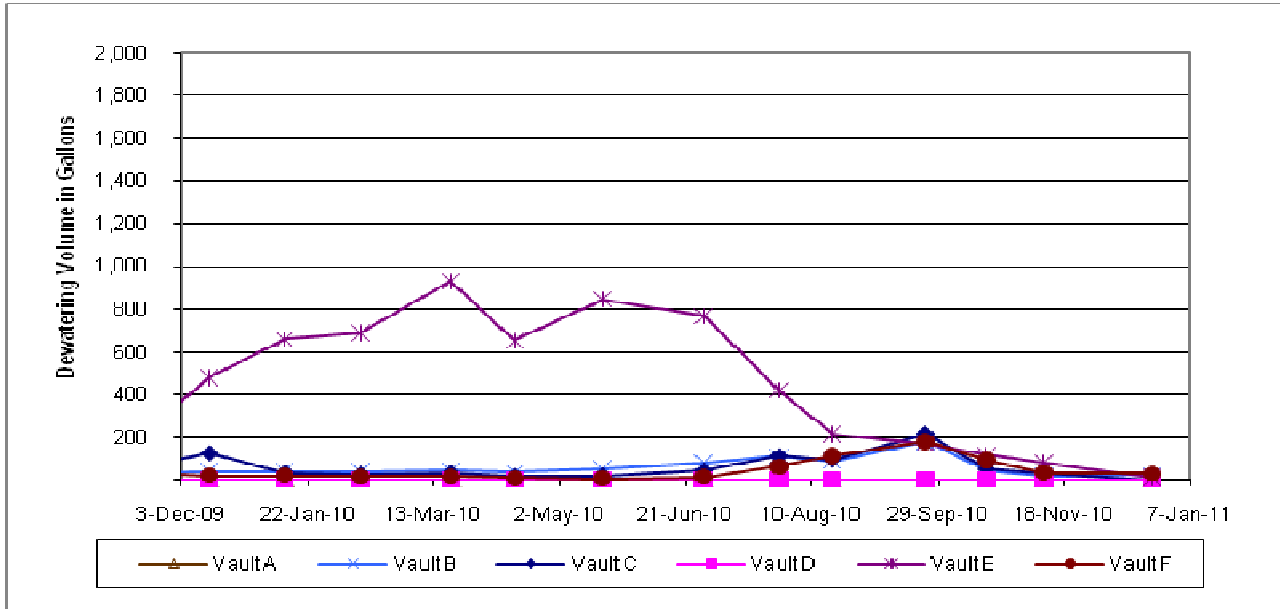
<b>DATE 2010</b>	<b>GALLONS LEAK DET A</b>	<b>GALLONS LEAK DET B</b>	<b>GALLONS LEAK DET C</b>	<b>GALLONS LEAK DET D</b>	<b>GALLONS LEAK DET E</b>	<b>GALLONS LEAK DET F</b>	<b>TOTAL LEAK GALLONS</b>	<b>MONTHLY SUMP VOLUMES GALLONS</b>
<b>18-Oct-10</b>	-	43	51	-	117	94	305	143
<b>10-Nov-10</b>	-	20	32	-	79	34	165	179
<b>23-Dec-10</b>	-	22	-	-	12	29	63	221
<b>TOTAL</b>	-	<b>85</b>	<b>83</b>	-	<b>208</b>	<b>157</b>	<b>533</b>	<b>543</b>

Total volume of water removed from the vaults during the fourth quarter was 533 gallons. According to the master flow meter, a total of 543 gallons were pumped from the sumps during the fourth quarter.

Monthly sump volumes will be provided from now on in these quarterly reports to allow closer evaluation of the volume of water produced from the landfill sumps. The following table provides the monthly sump volume data for 2010:

<b>MONTH</b>	<b>SUMP VOLUME GALLONS</b>	<b>MONTH</b>	<b>SUMP VOLUME GALLONS</b>	<b>MONTH</b>	<b>SUMP VOLUME GALLONS</b>
<b>January</b>	58	<b>May</b>	1,115	<b>September</b>	416
<b>February</b>	2,981	<b>June</b>	471	<b>October</b>	143
<b>March</b>	1,286	<b>July</b>	647	<b>November</b>	179
<b>April</b>	573	<b>August</b>	149	<b>December</b>	221

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

cc: Mr. David Favero – Motors Liquidation Company  
Mr. Kevin Schneider – O'Brien & Gere