



**WASTE MANAGEMENT**

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April 15, 2011

Mr. Greg Davis  
Ontario Ministry of the Environment  
Ottawa District Office  
2430 Don Reid Drive  
Ottawa, Ontario,  
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**Re: WM Ottawa Waste Management Facility – Quarterly Report – January 1,  
2011 – March 31, 2011.**

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Dear Mr. Davis,

As per Condition 2 of the Provincial Officer's Order 7160-79THQR, Waste Management of Canada Corporation has prepared a report that details all odour contingency plan activities for the period of January 1, 2011 to March 31, 2011.

**Enclosed Flares**

The two (2) enclosed flares were fully operational throughout the reporting period. The flares were shut down from time to time to conduct maintenance. The flares were restarted as soon as the maintenance work was completed in order to reduce the shut down time.

We have received a C of A to operate a candlestick flare on October 1, 2008. This flare is required to ensure proper flaring of the poorer LFG extracted from the toe-drain collector.

**Landfill Gas (LFG) Collection System**

The LFG Collection System was monitored on a daily basis. The LFG field was balanced on a weekly basis by WMCC technicians. The data collected was entered into the Landfill Gas Management System (LGMS) for analysis by the LFG operations manager.

A total of 6 new LFG wells were installed during the period. As of the end of the reporting period, the LFG Collection System for the main footprint consisted of 188 LFG wells (172 wells on the slopes and 16 wells at the base of the NE slope), and 1,600m of horizontal collector around the landfill footprint.

No new pumps have been installed during this period. The 92 LFG well pumps that were installed in 2009 are monitored and maintained on a regular basis

### **Capping**

The final capping project is now completed. Daily cover was applied to the working face and interim cover was applied to zones where landfilling would not take place over the following month.

### **Cap Inspection**

The landfill slopes were inspected on a daily basis and repairs were scheduled. Repairs were conducted when the area could be safely accessed.

### **Beanie Capping on top of the Landfill Footprint**

The first phase of the "Beanie Cap" was completed on the West side of the landfill footprint at the end of August 2009. An amendment application to the Phase II area has been approved by MOE. The second phase of the "Beanie Cap" was completed on the East side of the landfill footprint at the end of August 2010.

### **Emission Survey**

No air emission surveys were conducted during this period. The stack testing was also completed in May for (1) CAT 3520 and (1) CAT 3516 as per the stack testing plan. The results have been submitted to MOE.

### **Planned Construction and/or maintenance activities report**

The planned construction and/or maintenance activities reports were posted on the WMCC website on the first day of each month.

We are available to meet with you to discuss any additional questions or concerns you may have.

Yours truly,



Rémi Godin, P.Eng.  
Sr. District Engineer – Eastern Canada