

## **WASTE MANAGEMENT SERVICES DIVISION**

### **PUBLIC LIAISON COMMITTEE (PLC) HUMBERSTONE LANDFILL SITE**

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Notes of a meeting of the Humberstone Landfill Site Public Liaison Committee held at Civic Square, Community Room, 60 East Main St., City of Welland, on Wednesday, September 16, 2009 commencing at 7:19 pm.

#### **ATTENDANCE**

Committee: Mike Dickman, Chair; Jim Larouche, Welland Councillor; Jay Mitchell;

Staff: Silvio Mucciarelli, Associate Director of Waste Disposal Operations; Jamie Kristjanson, Program Manager; Ms. Eckhart-Oettinger, Administrative Assistant

Regrets: Cindy Forster, Regional Councillor; Randy Daly; Connie Zalwasky

Guests: Mr. Wilf Ruland, Tony Whelan

#### **ACCEPTANCE OF AGENDA**

Moved by: J Mitchell  
Seconded by: J Larouche

That the agenda be accepted.

#### **APPROVAL OF PREVIOUS NOTES**

The meeting notes of July 8, 2009 were accepted.

#### **BUSINESS ARISING FROM PREVIOUS NOTES**

1. Brown Tap Drain Study – MOE Follow Up

As requested at the last PLC meeting, staff contacted the MOE to obtain a letter that states no further investigation is required. A copy of the letter was provided by staff with the Agenda package.

2. Gas Collection System Report – CRA Follow Up

Further to the information on the proposed system presented at the last meeting, CRA recommends that the installation of the gas collection system be deferred until after the site closes so it can be installed at one time. Installation on a piecemeal basis would not be efficient and would be more costly. The CRA memo indicated there will not be sufficient gas to run an efficient system as there is not sufficient depth of garbage in some areas. The MOE has not replied to this request for deferral.

Distance of flare to nearest residence: Staff informed members that CRA advised that the distance is calculated by air dispersion modelling. No field studies have been performed

yet, therefore the quality of the gas has yet to be determined. Committee further inquired if there is a minimum regulatory setback of the flare location to the nearest residence, irrespective of the modelling.

Staff stated that the tentative flare location is close to the maintenance building on site. Mr. Ruland stated that regardless of where the flare is installed, it is better than venting directly to atmosphere.

***ACTION: Staff will investigate if there is a minimum setback requirement for the flare and if the height of the flare stack is known at this time.***

3. 2008 Operations Annual Report – Odour Complaints

The 2008 report was reviewed by staff and did not find any discrepancy regarding the number of odour complaints.

4. Leachate Flow from the Landfill to the Wastewater Treatment Plant

Committee inquired if there is a dedicated sanitary sewer from the landfill site to the wastewater treatment plant. Staff showed the members a map with the 6.5 km long sanitary sewer line between the landfill and the Welland Wastewater Treatment Plant. The sanitary sewer also receives flows from residential/commercial/industrial areas along the way. There are CSO's along the sanitary sewer line. Regional staff monitor bypass events at the Plant, however, no quantity and quality monitoring is done at the CSO's. During a bypass event, chlorine is injected in the water prior to Plant discharge. The 2008 landfill leachate volume was 150,000 cubic meters versus 16,000,000 cubic meters flow received at the Plant, or 1% of Plant total flow.

Discussion ensued if the leachate pumps at the landfill could be turned off when the Plant was on bypass. Staff indicated that a protocol could be set up where Wastewater staff could inform Waste Management when there is a bypass, and landfill staff could turn the leachate pumps off. This would stop leachate flow from being added to the bypass effluent. This practice has been successful in Port Colborne with the Elm Street Landfill Site. Mr. Ruland stated this plan is a simple step that would have a positive impact on the environment.

***ACTION: The Chair requested that staff investigate and report back.***

5. Landfill Site Tour

It was agreed that staff will send an email to all members to survey their availability on October 16<sup>th</sup> with a fallback date of October 30<sup>th</sup>. Mr. Ruland is available to attend on either date.

## **OPERATIONS**

1. Review of the 2008 Annual Monitoring Report - Wilf Ruland

Members stated that they had received copies and they had reviewed the report. Mr. Ruland discussed his review of the monitoring report with committee. Staff has sent Mr. Ruland's comments to CRA for a response. If Mr. Ruland has that response a week in advance of the next meeting, he can prepare his comments in time for the meeting.

2. Tire Recycling - Ontario Tire Stewardship

Tire recycling program was launched September 1, 2009. Prior to this, disposal fees were charged to residents who brought old tires to Regional drop off depots. With this program, a resident can bring up to 4 tires per person without charge.

Ontario Tire Stewardship use registered haulers to haul tires to a central recycling facility where the tires are recycled into crumb rubber and used as raw material to make other rubber products. This program ensures that people no longer illegally dump tires and that the old tires are being recycled instead of stockpiled. Stockpiles should eventually disappear through this program.

3. Odour Complaints

There was one odour complaint since the last meeting regarding an odour of rotten eggs. The odour was investigated by staff. Landfill gas was found escaping from a lateral pipe at the landfill site.

***ACTION: The upper section of the pipe will be capped.***

### CORRESPONDENCE

1. Letter from Lisa Benvenuti to Jamie Kristjanson regarding the Brown Tap Drain Study (Discussed under Business Arising From Previous Notes)
2. E-mail from CRA to Peter Kryger regarding Landfill Gas Collection System Report (Discussed under Business Arising From Previous Notes)
3. Niagara Region Notice – Tire Recycling
4. Niagara Region Notice – Ecojustice Report on WWTP Bypass

Bypass issue raised at the last meeting; it should be noted that bypass events are reported to the MOE by the wastewater treatment plant staff. If possible bypass events should be reported to this committee. Bypass duration and volume information would be a beneficial reference for Wilf Ruland. Staff will follow up with WWTP staff.

### OTHER BUSINESS

Next meeting: Wednesday December 2, 2009.

### ADJOURNMENT

Moved by: J. Larouche  
Seconded By: J Mitchell

To adjourn meeting at 9:03 pm.