



City of  
**Peterborough**

---

**TO:** Members of the Waste Management Steering Committee

**FROM:** W.H. Jackson, Director of Utility Services

**MEETING DATE:** January 23, 2012

**SUBJECT:** Report WMC12-001  
Odour Concerns in the Bensfort Road and Neal Drive Area

---

## **PURPOSE**

A report to inform the Committee of the odour concern in the Bensfort Road/Neal Drive area.

## **RECOMMENDATION**

That the Waste Management Committee endorse the recommendation as outlined in Report WMC12-001 dated January 23, 2012, of the Director of Utility Services as follows:

That Report WMC12-001 informing Committee of the Odour Concerns in the Bensfort Road and Neal Drive Area be received for information.

## **BUDGET AND FINANCIAL IMPLICATIONS**

There are no budget or financial implications as a result of this report.

## **BACKGROUND**

The odour experienced on Neal Drive in the spring of 2011 occurred because of high spring run off from winter snow thereby creating larger than normal volumes of leachate at the landfill. This leachate is pumped through our force main to Neal Drive and eventually to the sanitary gravity main and Waste Water Treatment Facility.

These higher volumes scour the force main creating higher than normal odours in the gravity main. It appears that these odours then work their way through the plumbing vent stacks at some of the buildings on Neal Drive and are vacuumed into the building roof mounted heating systems.

In 2011 the landfill had two active pumping stations (South Fill Area and North Fill Area). The leachate volume increase in the spring of 2011 mainly occurred from our North Fill Area pumping station because of the swimming pool effect created in the base of the new landfill cell capturing large amounts of rain and run off.

The scouring effect that occurred in the spring of 2011 could be blamed mainly on the volumes and the speed in which the leachate was travelling through the force main cleaning years of build up of residue in these pipes.

Upon notice of the odour complaints, the leachate was successfully treated with an odour suppressant. The volumes of leachate will be continually monitored and odour suppressant will be added as needed.

Submitted by,

W. H. Jackson  
Director, Utility Services

Contact Name:

Craig Simmons  
Co-ordinator, Waste Operations  
Phone: 705-743-9358  
Fax: 705-743-8456  
E-Mail: [csimmons@peterborough.ca](mailto:csimmons@peterborough.ca)