



City of  
**Peterborough**

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

**From:** J. Istchenko, Manager of Environmental Services

**Meeting Date:** February 11, 2019

**Subject:** Report WMC19-005  
Update on Odour Complaints at the County/City Waste Management Facility

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## **Purpose**

A report to update the Waste Management Committee on Odour complaints at the County/City Waste Management Facility.

## **Recommendations**

That the Waste Management Committee approve the recommendations as outlined in Report WMC19-005 dated February 11, 2019, of the Manager of Environmental Services as follows:

- a) That Report WMC19-005 providing an update on Odour Complaints at the County/City Waste Management Facility be received for information; and
- b) That staff be requested to report further on this issue as necessary.

## **Budget and Financial Implications**

There are limited budget and financial implications associated with this report at this time. It is recommended that increased compensatory/remedial, outreach and investigative actions by staff and dedicated Engineering consultants continue.

## Background

A community delegation attended the Site Liaison Committee meeting on Tuesday January 29, 2019. Although the number of odour complaints submitted, investigated, and logged through the official Peterborough County/City Waste Management Facility (PCCWMF) complaint registry are not elevated compared to previous years, the delegation presented concerns. Staff corroborated that odour event frequency and severity was slightly elevated late in 2018.

There were nine official complaints in 2018 regarding odour at the PCCWMF and the associated leachate force main to Neal Dr. The following complaints were received and the respective investigation/follow-up were:

5 Neal Dr odour complaints, follow-up:

- design and Ministry approval of the Odour Control facility progresses,
- 100% design is expected in the Spring 2019 with construction tendering to follow,
- chemical application at the landfill and timed pumping reduce the impact of leachate odour.

4 General landfill odour complaints, follow-up:

- gas collection vacuum continues to be optimization by PUG,
- gas leaks identified on Cell #3 (North Fill Area) West & South banks and additional intermediate cover has been placed,
- approximately 11 areas of the South Fill Area final cover were repaired/thickened, re-topsoiled, and vegetated,
- impact of abnormal freeze/thaw weather has historically increased odour events,
- each complaint was investigated, and response provided.

## Next Steps

The following actions will be taken:

1. Staff will continue to investigate complaints received from the public and provide updates and responses.
2. Staff will continue routine PCCWMF site surveys, identify odour issues, investigate, and implement recommended solutions.
3. Best practices will continue to be followed and implemented to specific odour findings (for example: encouraging PUG to optimize Landfill Gas Collection System, investigating and repairing gas leaks in the cover layers, and actively managing the leachate force-main).
4. Residents in the PCCWMF neighbourhood will be canvassed by mail with up-to-date landfill information including contact and complaint reporting details.

5. The expert services of the PCCWMF Engineering Services Consultant will be assigned to investigate causes and solutions to the elevated odour issues.
6. Updates on PCCWMF odour issues will be provided to the Ministry of the Environment, Conservation & Parks, the Waste Management Committee, and the Site Liaison Committee.

Submitted by,

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