



City of
Peterborough

To: Members of the Waste Management Steering Committee

From: W. H. Jackson, Commissioner of Infrastructure and Planning Services

Meeting Date: May 07, 2018

Subject: Report WMC18-002
Update on the Landfill Gas Facility at the County/City Waste Management Facility

Purpose

A report to update Waste Management Committee on the Landfill Gas Facility at the County/City Waste Management Facility.

Recommendations

That the Waste Management Committee endorse the recommendations as outlined in Report WMC18-002 dated May 07, 2018 of the Commissioner of Infrastructure and Planning Services, as follows:

- a) That Report WMC18-002 providing an update on the Landfill Gas Facility 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 potential budget and financial implications to the operation of the Landfill ranging from the possible cessation of the royalties presently received to possible additional operational costs and/or facility management costs.

Clarification of these costs will require more work and further discussions with Peterborough Utilities Inc.

Background

Peterborough Utilities Inc. (PUI) completed the construction and commissioning of its 1.6 MW LFG Generation Plant (GHG Plant) at the Landfill on May 11, 2013. The LFG Generation facility has operated consistently since, utilizing landfill gas that would otherwise have been flared.

Since commissioning of the GHG Plant, the Landfill has received the revenues shown in Table 1.

Table 1: Revenues Received from Operation of the GHG Plant

No.	Year	Budgeted Amount (\$)	Actual Amount (\$)
1	2013	20,000	24,237
2	2014	20,000	39,820
3	2015	100,000	36,717
4	2016	75,000	28,371
5	2017	75,000	25,392
6	TOTAL	290,000	154,537

Current Situation

From Table 1, it can be seen that the GHG Plant is not operating at the level that was expected or planned for. The revenues received from this facility have not only fallen far short of expectations, they have decreased over the last 3 years.

The decreased revenues are not only a concern for the Landfill; they are also a concern for the facilities long term economic viability. At this point, PUI is exploring a number of alternatives with County and City representatives including:

- operational management actions,
- reduced royalties to the Landfill,
- a request for financial support from the Landfill, and/or
- asset write-down.

Next Steps

Further discussions are underway related to this project and what may need to be done to ensure it is economic viability.

The Committee should expect a future report(s) on this matter.

Submitted by,

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