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**REPORT TITLE:**     **Lakeview Village Community – Update on Interim Odour Control Improvements at G. E. Booth Wastewater Treatment Plant, City of Mississauga, Ward 1**

**FROM:**                 Andrew Farr, Acting Commissioner of Public Works

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## **RECOMMENDATION**

**That the Commissioner of Public Works be authorized to enter into an agreement with the Lakeview Community Partners Limited for financial contributions to interim odour control improvements at the G.E. Booth Wastewater Treatment Plant on business terms satisfactory to the Commissioner of Public Works and on legal terms satisfactory to the Regional Solicitor.**

## **REPORT HIGHLIGHTS**

- Through the review of the development applications for the proposed Lakeview Village community, located at 1082 Lakeshore Road East, staff are assessing the proximity of the proposed development to the G.E. Booth Wastewater Treatment Facility with respect to odour emissions.
  - Staff have completed a study which includes interim and long-term recommendations for odour control improvements to the plant.
  - The Lakeview Village Partners have reviewed the staff study and recommendations for odour mitigation and committed to fund, at their sole cost, the identified interim odour control improvements to the plant.
  - An agreement must be executed with the Lakeview Community Partners Limited to facilitate completion of the design and construction of the interim odour control improvements and recover the additional costs.
  - Staff will be reporting to Council related to the technical and financial aspects related to the longer-term recommendations for odour control improvements later in 2020.
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## **DISCUSSION**

### **1. Background**

The proposed Lakeview Village Community located at 1082 Lakeshore Road East is proceeding through a series of development application processes with input from City of Mississauga and Region of Peel staff as well as other agencies. In the report titled, “Lakeview Village Community Overview of Components of the Proposed Development with Regional Interest” heard at the December 19, 2019 Regional Council meeting, staff provided an overview of the proposed development, status of the review and highlights on the key matters considered by the Region.

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Staff committed to updating Regional Council on these key matters and were directed to report back on how odour emissions can be addressed at G.E. Booth Wastewater Treatment Plant on an interim and long-term basis.

This report recommends interim odour control improvements at the facility, that once initiated, could be operational within 12-18 months. A future report will provide additional information regarding the technical and financial aspects related to longer-term solutions for odour control.

### **2. Proposed Direction for Interim Work**

Region staff undertook a technical study to identify plant improvements that may be required to mitigate the impacts of odour on the future development and the community at large. The proposed work is divided into interim and longer-term solutions.

The interim solution includes a partial covering of the existing Plant 1 primary clarifiers and an additional odour treatment system. The developer recognizes the immediate benefit of this work and have requested that it be advanced immediately at their exclusive cost. The estimated value of the work, including permits, design and construction is \$366,000.

Staff will work with the developer to finalize the design, schedule and costs and will enter into an agreement to complete the work and recover the Region's costs.

As part of a larger plant expansion project, the Region currently has active construction on the plant property. In order to expedite the work, staff propose adding this new work to the current scope of work for the consultant and contractors working on site.

### **RISK CONSIDERATIONS**

Any delay in implementation could impact the application approval timelines for the development. As proposed above, in order to complete the work as quickly as possible, staff are amending existing engineering and construction contracts for vendors already working at the facility.

The recommended upgrades are only interim in nature and are a component of a larger-scale mitigation strategy for the facility. Interim odour control work on existing Plant 1 will not fully mitigate odour emissions from the facility. A broader longer-term solution will be proposed later in 2020.

### **FINANCIAL IMPLICATIONS**

The cost of the work, including permits, design and construction will be recovered from the developer. These costs will be detailed in the agreement to ensure all costs for the interim solution are captured.

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**APPENDICES**

Appendix I - Phase 1: Interim Odour Control Upgrades

*For further information regarding this report, please contact John Hardcastle, Director, Development Services, Ext. 4418, john.hardcastle@peelregion.ca, or Anthony Parente, General Manager, Water and Wastewater Division, Ext.7833, anthony.parente@peelregion.ca*

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*Reviewed and/or approved in workflow by:*

Department Commissioner, Division Director, Financial Support Unit and Legal Services.

Final approval is by the Chief Administrative Officer.



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N. Polsinelli, Interim Chief Administrative Officer