

**To:** SPECIAL COUNCIL (STATUTORY PUBLIC MEETING)

**Meeting Date:** 9/13/2022

**Subject:** Regional Sampling Agreement – Old Galt Landfill

**Submitted By:** Mike Parsons, Director of Environmental Services

**Prepared By:** Mike Parsons, Director of Environmental Services

**Report No.:** 22-010-IFS

**File No.:** Enter the File Number

**Wards Affected:** Ward 4

**RECOMMENDATION(S):**

THAT Report 22-010-IFS Regional Sampling Agreement – Old Galt Landfill be received;

AND THAT the Mayor and the Clerk be authorized to execute an agreement for sampling of leachate with the Region of Waterloo, subject to the satisfaction of the City Solicitor.

**EXECUTIVE SUMMARY:**

The Old Galt Landfill, located in Cambridge at 155 Can-Amera Parkway, was a short-term sanitary landfill site that operated between 1968 and 1973, when it was formally closed. It is currently the site of a privately-operated driving range.

The Ministry of Environment issued a Certificate of Approval governing its closure, operation, and monitoring requirements. Under this agreement leachate generated at the landfill must be tested quarterly to determine its chemical characterization and to ensure it meets the parameters specified by Ontario Regulation 232/98: Landfilling Sites Table 1: Leachate Characteristics.

The sampling agreement with the Region will be re-acknowledged every 5-years until monitoring is deemed no longer required.

**STRATEGIC ALIGNMENT:**

- ☐ Strategic Action; or
- ☒ Core Service

**Objective(s):** Not Applicable

**Strategic Action:** Not Applicable

**Program:** Wastewater

**Core Service:** Wastewater Network Maintenance

## **BACKGROUND:**

The Old Galt Landfill, located in Cambridge at 155 Can-Amera Parkway, was a short-term sanitary landfill site that operated between 1968 and 1973, when it was formally closed. It is currently the site of a privately-operated driving range.

A leachate collection system (LCS) was installed in 1977 to contain any leachate migration from the site, and in 1992 the Ministry of Environment issued a Certificate of Approval governing its operation and monitoring requirements. Following some modifications made to the LCS in 2008 the Ministry of Environment amended the Certificate of Approval.

Leachate generated at the landfill by infiltration and ground water throughflow is of a quality typical of weak to medium strength municipal landfill leachate. The leachate discharges to the City's sanitary sewer collection system at a single outlet at property line, and is ultimately received and treated at the Region's Galt Wastewater Treatment Facility.

The Certificate of Approval requires the City to perform quarterly sampling to determine the chemical characterization of the leachate. This testing has been performed on behalf of the City of Cambridge by Region of Waterloo Environmental Enforcement and Laboratory Services (EELS) staff.

## **ANALYSIS:**

The Region of Waterloo has been performing the leachate sampling and laboratory analyses on behalf of the City since 2008. It was, however, discovered recently that there is no formal documented agreement between the City and the Region outlining this arrangement. The draft agreement provides for this, and effectively indemnifies the Region of Waterloo from any responsibility pertaining to the site and the leachate leaving it.

## **EXISTING POLICY / BY-LAW(S):**

- **Certificate of Approval # 6802-7HUNBQ (October 8, 2008)**
  - No changes are required of this certificate as a result of the agreement with the Region of Waterloo.
- **Ontario Regulation 232/98: Landfilling Sites**

#### **FINANCIAL IMPACT:**

There is no financial impact.

Leachate sampling costs are estimated at approximately \$5,000 per year which the City's Environmental Services Division will continue to fund as part of its Wastewater operating budget.

#### **PUBLIC VALUE:**

The endorsement of the Regional Sampling Agreement – Old Galt Landfill forms part of the core Wastewater service delivery at the City, and serves to formalize an existing arrangement with the Region of Waterloo for the service of sampling and analysis of leachate entering the City's sanitary collection system.

There will be no process changes as a result of the endorsement of this report by Council.

Analysis of the leachate allows the City to record and responsibly manage the contamination from the Old Galt Landfill site, in accordance with its Certificate of Approval and in compliance with applicable legislation.

#### **ADVISORY COMMITTEE INPUT:**

Not Applicable

#### **PUBLIC INPUT:**

Posted publicly as part of the report process.

#### **INTERNAL / EXTERNAL CONSULTATION:**

There was no internal/external consultation undertaken.

## **CONCLUSION:**

In order to formalize the sampling and analysis arrangement that the City currently has with the Region of Waterloo Environmental Enforcement and Laboratory Services it is staff's recommendation for Council to authorise the Mayor and Clerk to execute this agreement subject to the satisfaction of the City Solicitor.

## **REPORT IMPACTS:**

Agreement: **Yes**

By-law: **No**

Budget Amendment: **No**

Policy: **No**

## **APPROVALS:**

This report has gone through the appropriate workflow and has been reviewed and or approved by the following as required:

Director

Deputy City Manager

Chief Financial Officer

City Solicitor

City Manager

## **ATTACHMENTS:**

1. Appendix A – Location Map of the Old Galt Landfill

## APPENDIX A: LOCATION MAP OF OLD GALT LANDFILL

