



February 26, 2026

Oxford County
21 Reeve St.
PO Box 1614
Woodstock, ON N4S 7Y3

**Executive Summary - Annual Monitoring Report
Landfill Gas Collection and Flaring System (LGCFS), January 2025 – December 2025
Oxford County Waste Management Facility, Oxford County, ON**

1.0 Introduction

Comcor has prepared the 2025 Annual Report for the Landfill Gas Collection and Flaring System (LGCFS) at the Oxford County Waste Management Facility (Salford Landfill) in Salford, Ontario. This is an Executive Summary of that report as requested by Oxford County (County).

2.0 Summary

The LGCFS continues to function as intended within the existing collection footprint. Several ongoing projects look to expand the collection footprint and address many of the issues that are being encountered due to aging equipment. The Landfill Gas Facility Upgrades (LFGU) project is expected to be completed in early 2026 and includes the replacement of the air compressor, the gas analyzer, the controls system and SCADA computer, and the electrical building itself. The replacement and upgrades included in this project are expected to reduce the amount of flare downtime caused by minor mechanical issues the site has been experiencing. This project required the enclosed flare to be shut down on November 25, 2025, with a temporary candlestick continuing flaring operations in the interim. To expand the landfill gas (LFG) collection footprint, the first of several phased wellfield expansions is underway. This project is expected to be constructed in 2026 and will include the installation of new LFG wells and permanent piping. This expansion is anticipated to increase the LFG recovery rate on site, which will help increase the flow rate to the flare and reduce fugitive emissions from the site. Increasing the flow rate to the flare will help reduce the flare shutdowns due to insufficient LFG quantity and/or quality.

In 2025, the LGCFS ran at an average flow of 89.0 cfm and 46.1% methane by volume with an average system vacuum of -38.52 inches of water column. Run times were varied throughout the year, ranging from 30.9% runtime in October to 68.8% runtime in May with an overall annual runtime of 49.9%.

The enclosed flare tripped numerous times throughout its operating period in 2025, and restarts were completed by both Comcor and the County on 148 days in total throughout this period. A



total of 305 alarms resulting in shutdowns were sent over the course of 2025; however, many of the alarms were associated with the same issue and sent out within the same short period of time.

The underlying cause for most of these trips is the low flow of LFG to the flare due to the declining gas from the existing gas collection system infrastructure. The ongoing well expansion project aims to increase the gas collection on site and will help mitigate this issue.

3.0 Conclusions and Recommendations

1. Although there is declining gas quantity/quality in the existing wellfield area, the LGCFS operated as intended in 2025.
2. The monitoring and maintenance schedule should be continued in order to maintain collection of LFG and safe operation of the LGCFS. The system also must be monitored and maintained in order to remain in compliance with regulatory agency approvals.
3. The phased wellfield expansions should continue to be prioritized to increase the LFG collection rate and reduce fugitive emissions. This includes the replacement of temporary above grade piping with permanent buried HDPE piping. Increased collection rates will help maintain consistent flare operation.
4. Landfilling operations should focus on completing sections of the landfill to final contours where possible to align with the installation of the wellfield expansions and allow for the placement of final cover.

Yours very truly,

COMCOR ENVIRONMENTAL LIMITED

Ian Censner
Engineering Project Coordinator

Luxon Burgess, CET, LET
Supervisor, Wellfield Operations