

April 17, 2025

Community Liaison Advisory Committee Meeting

Clean Harbors Lambton Facility



Agenda

Introduction

Updates

- Landfill
- Thermal Desorber Unit
- Incinerator
- Compliance



Landfill

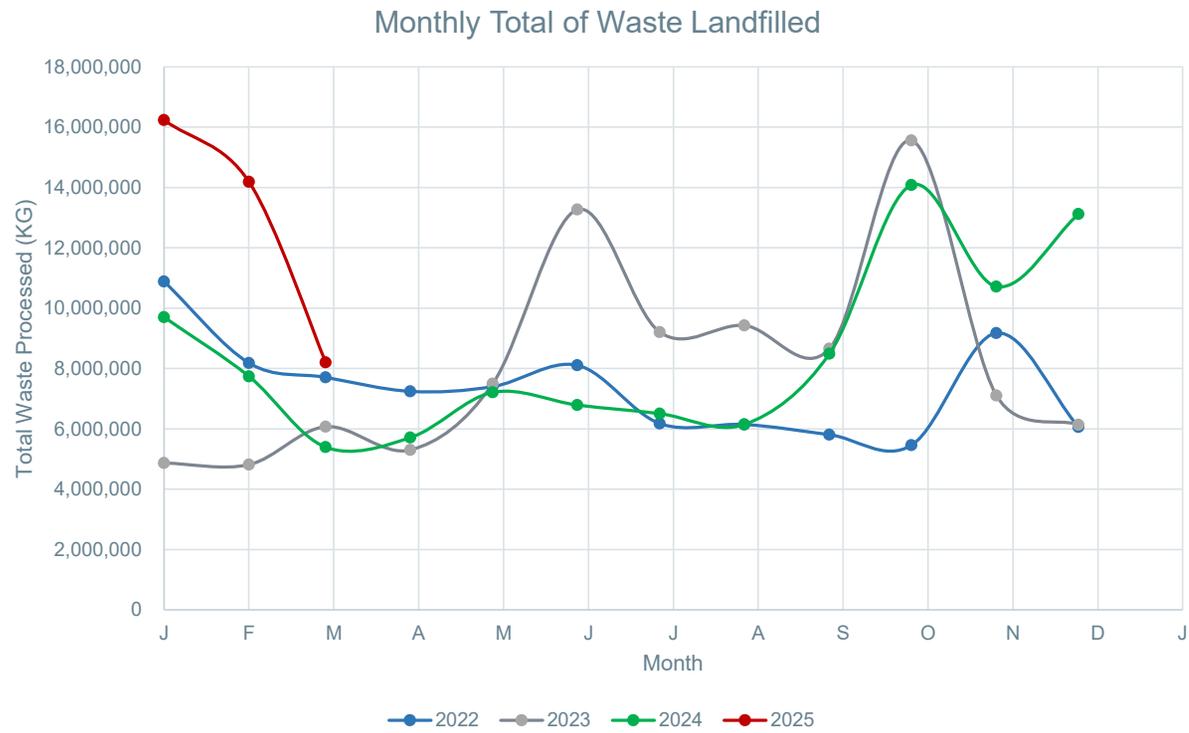
Tom Weir

Landfill

- Very strong landfill continued into Q1, higher volume quarter than previous year.
- Some potential big projects upcoming which should keep landfill busy through the first half of the year if successful in getting the work.



Landfill – Volumes





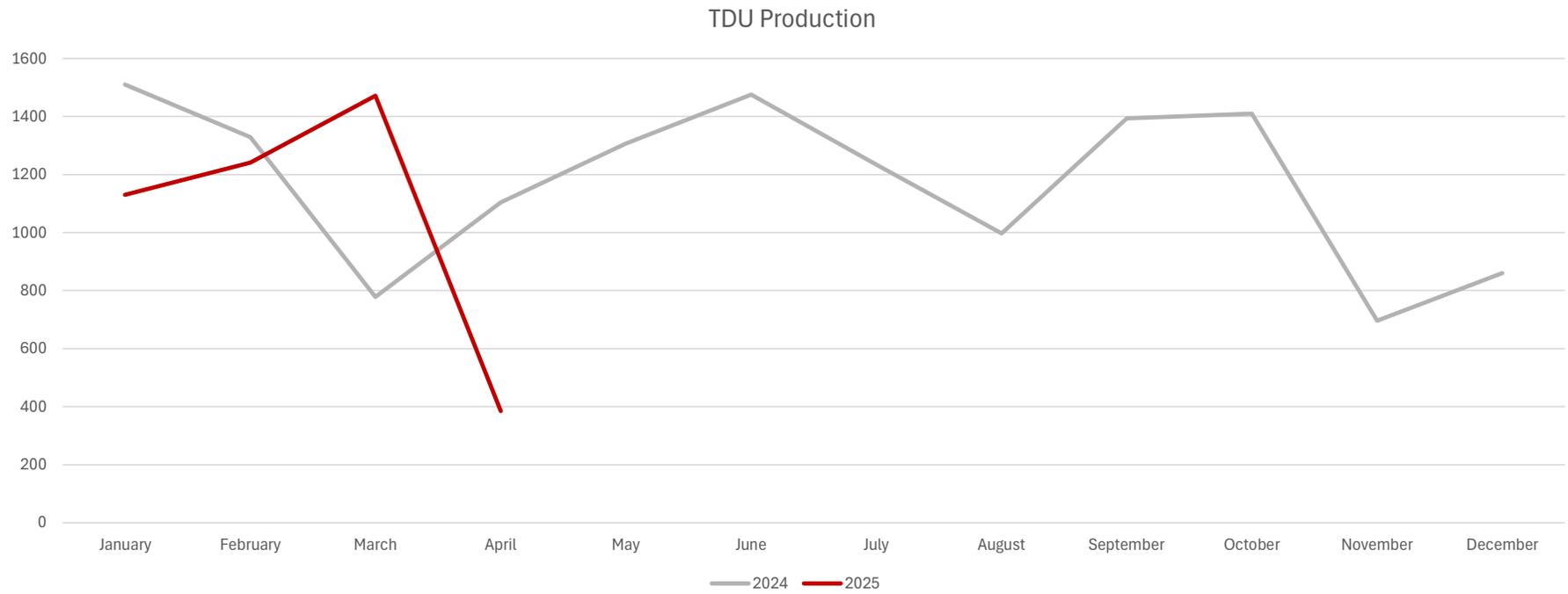
Thermal Desorber Unit (TDU)

Dan McMullen

TDU – Waste Volumes

- April Turnaround postponed to May due to flooding
- Mechanical repairs caused a 4.5-day outage in April
- Upcoming Maintenance Turnaround in May will complete Hopper Repairs
- Increased catalyst processing due to refinery turnarounds.

TDU – Volumes

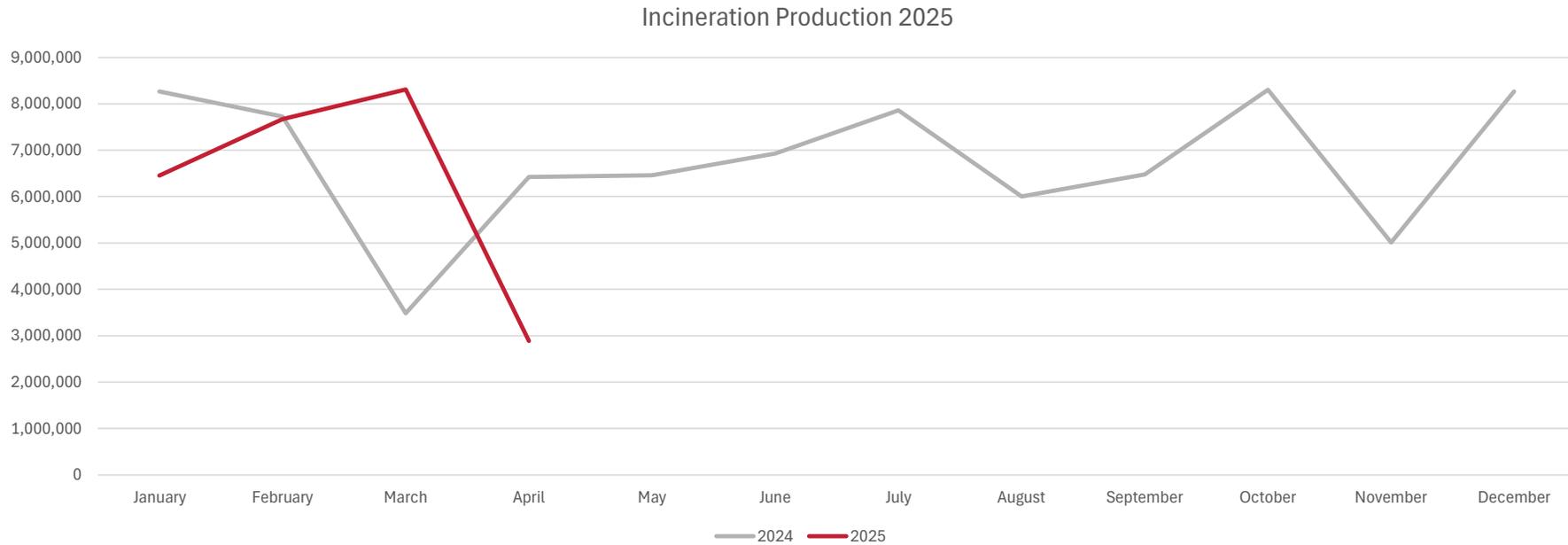


Incinerator

Rod Walsh



Incineration Performance



- April Turnaround rescheduled to May due to the rain.
- Washout in April extended due to failed cleaning equipment.
- Robust cleaning and maintenance schedule for May Turnaround
- Pigging lines for solids removal

Incineration Maintenance

- April Turnaround moved to May 2025
- Refractory repairs
- CAPEX relief stack replacement
- Bag House repairs
- Equipment PM's
- Duct plugging reduction improvements



Compliance

Mackenzie Costello

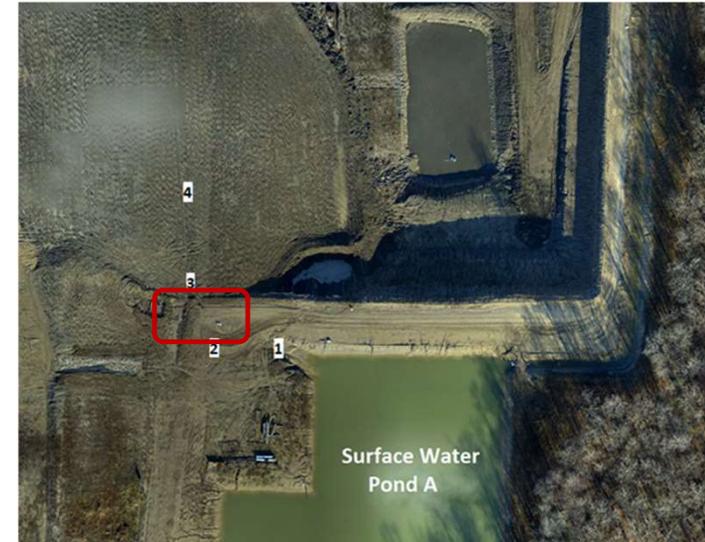
Compliance

February

- 200 L of leachate was spilled due to a faulty cam lock fitting on a leachate pipe connected to the landfill. Contractor on-site and was able to excavate the ground to remediate the area.
- Discoloured surface water was identified on top of the ice on the surface water pond (Pond A). For precautionary measures, discharge was stopped and a sample was collected to evaluate the discolouration. Sample result indicated that the discolouration had minor detections of organic parameters but the quality was generally close to the site's historical range
- Two erosion channels were identified with snow run-off that had contacted buried waste and flowed towards Pond A. Four samples were collected and results indicated that there was minor leachate contamination in the runoff, with the contamination getting progressively smaller as it travels from sample location 4 to sample location 1. To evaluate the events Clean Harbors sampled Pond A, Pond D and the EQ pond on a bi-weekly basis for a total period of 3 weeks.

April

- A 3rd party trucking company containing waste from GFL was found to be leaking on Telfer Road. The truck was expedited into the facility for immediate offloading and the on-site vacuum truck to clean up the free liquids, however, some additional clean up was still required. GFL brought in their emergency response team to finish the clean up
- It is the responsibility of the generator/carrier to ensure their loads are compliant before/during transport and follow the proper protocol when a spill does occur to ensure it gets cleaned as soon as possible.



Mercury Stack Test

- Mercury stack test conducted on February 26th, 2025.
- The mercury emission level was determined to be 5.92 $\mu\text{g}/\text{Rm}^3$
- Below the 50 $\mu\text{g}/\text{Rm}^3$ ECA limit.
- Two more mercury tests to be conducted this year.



Ministry of the Environment - Update



Questions?

Next CLAC meeting scheduled for Thursday, June 12th

40 YEARS



PEOPLE AND TECHNOLOGY CREATING A SAFER, CLEANER ENVIRONMENT

