

February 15, 2024

Community Liaison Advisory Committee Meeting

Clean Harbors Lambton Facility



Agenda

Introduction

Updates

- Landfill
- Thermal Desorber Unit
- Incinerator
- Compliance

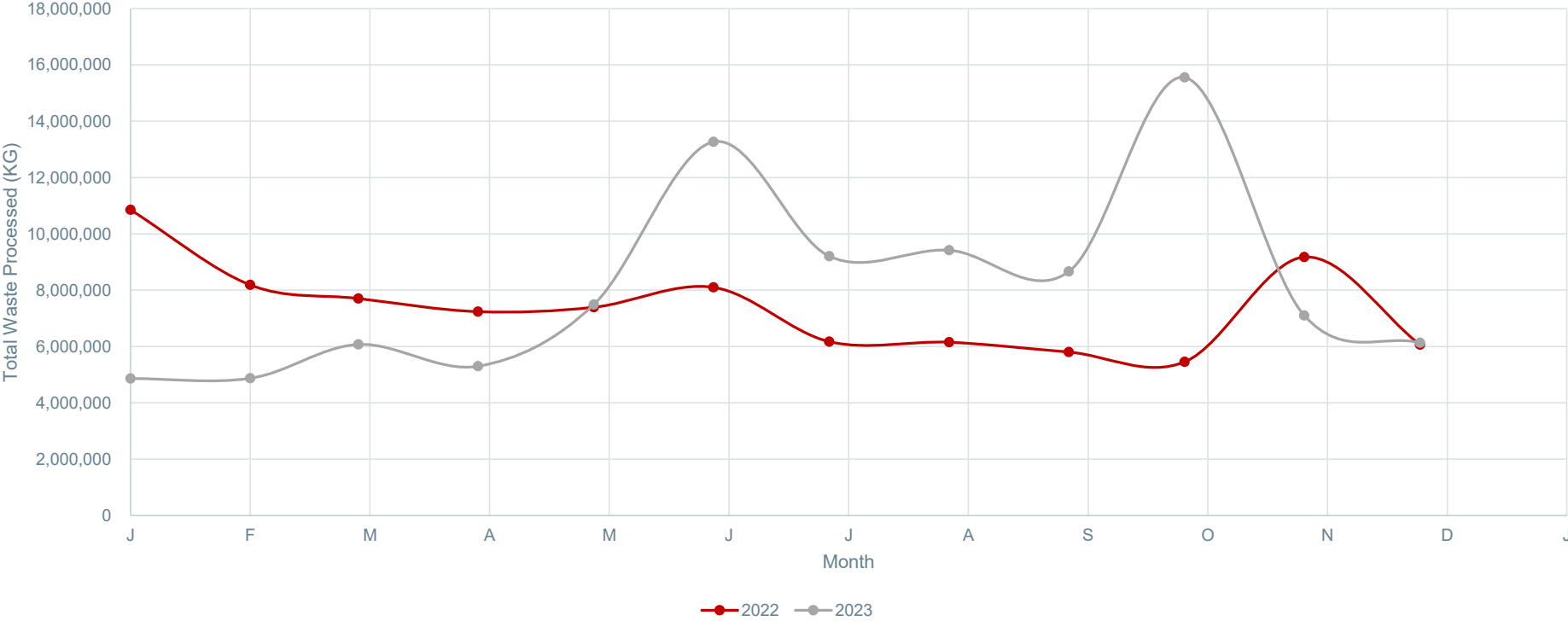


Landfill

JR Roy

Landfill – Volumes

Monthly Total of Waste Landfilled





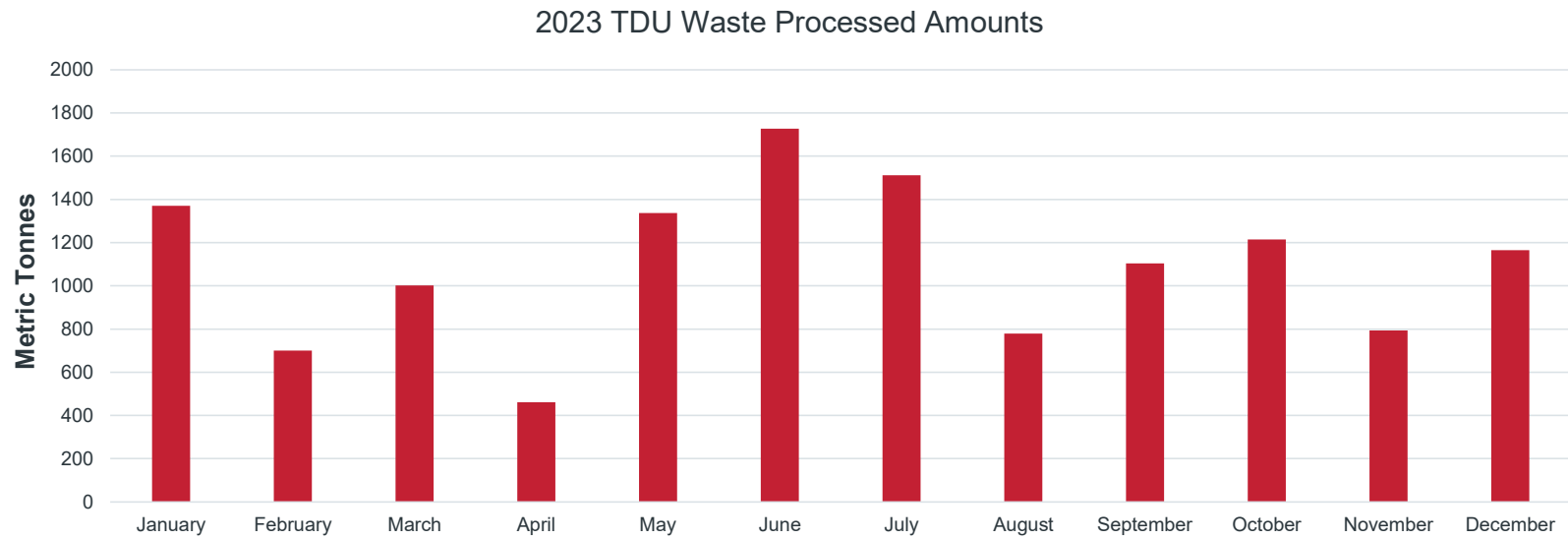
Thermal Desorber Unit (TDU)

Rod Walsh

TDU – Waste Volumes

1. Demand remains strong for Thermal Desorption treatment. The expected drop in receipts did not occur, setting us up for a strong spring.
2. Continuing to make system improvements to drive throughput while reducing costs..
3. Continue to work with Incineration group to increase synergies between units.
4. Preparing for the spring Turnaround in March encompassing a drum, drop out box replacement and vent gas piping upgrade. Routine repairs and cleaning will also take place. Duration expected be 28 Days.

TDU – Volumes

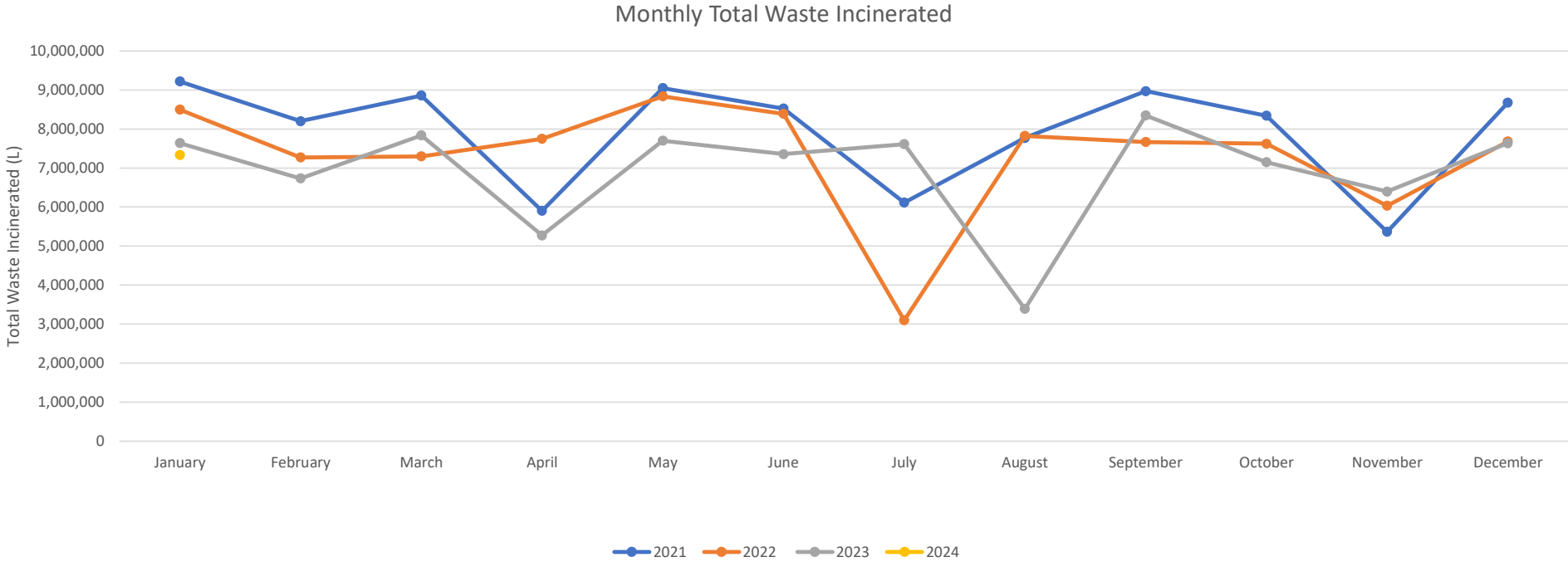


Incinerator

Dave Baulcomb



Incineration Performance



- Production remains steady
- Dips due to maintenance months

Incineration Maintenance

- Three Turnarounds scheduled for 2024:
 1. **March:** Major refractory reline, PM's and equipment repairs
 2. **July:** Complete change out of the baghouse filter media, PM's and equipment repairs
 - a. Full facility power outage to inspect, test and repair high voltage equipment
 3. **November:** Basically a clean and go, PM's and equipment repairs
- Commissioning of the DAF (dissolved air filtration) unit to allow for more destruction of onsite leachate water
- CAF projects include Incinerator roof and basement repairs, tank mixer replacement



Compliance

Mackenzie Costello

Compliance – Monitoring Programs

2023 Monitoring Programs:

- All monitoring programs successfully completed in 2023. We are still waiting on finalized reports but they will be posted with the 2023 Annual Landfill Report on the company's webpage
- 2023 Annual Source Test report is on the webpage
- The consolidated ECA requires that the Annual Landfill Report be completed by June 30th of each year

2024 Monitoring Programs:

- Year-round Ambient air monitoring program has begun utilizing the North and new West monitoring location
- Stack test scheduled to be completed during the week of March 4th
- We have transitioned to a new groundwater and surface water consultant in 2024
- First groundwater monitoring event scheduled to be completed the week of March 18th, 2024. Dataloggers are being replaced in several monitoring wells that were found to be dead in 2023.
- Surface water has been discharging off-site since January 15th, 2024. Off-site samples are scheduled to be taken during the week of March 18th.



New Ambient Air Platforms

Compliance – Complaints and Complaint Reporting

Complaints:

- February 1st, 2024:
 - Facility received a call regarding an odour on Brigden Road that had been present all day,
 - A company representative went to the address of the complainant and investigated the area using a 5-gas monitor
 - The representative did not observe any odours and was unable to detect any gases using the 5-gas monitor
 - It was noted that the stack plume was not blowing toward the address at the time of the investigation.
 - Our incinerator supervisors perform routine perimeter checks of the facility every 2-3 hours to investigate any potential issue including odours
 - No odours had been noted during any of the perimeter checks at the site that day or by any on-site workers or contractors
 - Several of our staff members have brought up that there has been a sickly sweet /manure odour that they can detect when heading towards Petrolia that could be possibly related to agricultural activities.
- When reporting a complaint remember that it always important to report during the time the odour is detected so the site can complete a thorough investigation. If odours are identified to be coming from the site there are corrective measures that may be able to be implemented to rectify the issue.



Ministry of the Environment - Update

Thank you!

- Next meeting scheduled for April 11th, 2024.
- Hope to see you then!

40 YEARS



PEOPLE AND TECHNOLOGY CREATING A SAFER, CLEANER ENVIRONMENT

