

October 5, 2022

Community Liaison Advisory Committee Meeting

Clean Harbors Lambton Facility



Agenda

Introduction

Updates

- General Updates
- Landfill
- Thermal Desorber Unit
- Incinerator
- Compliance
- Ministry of the Environment



General Facility Updates

JR



Landfill

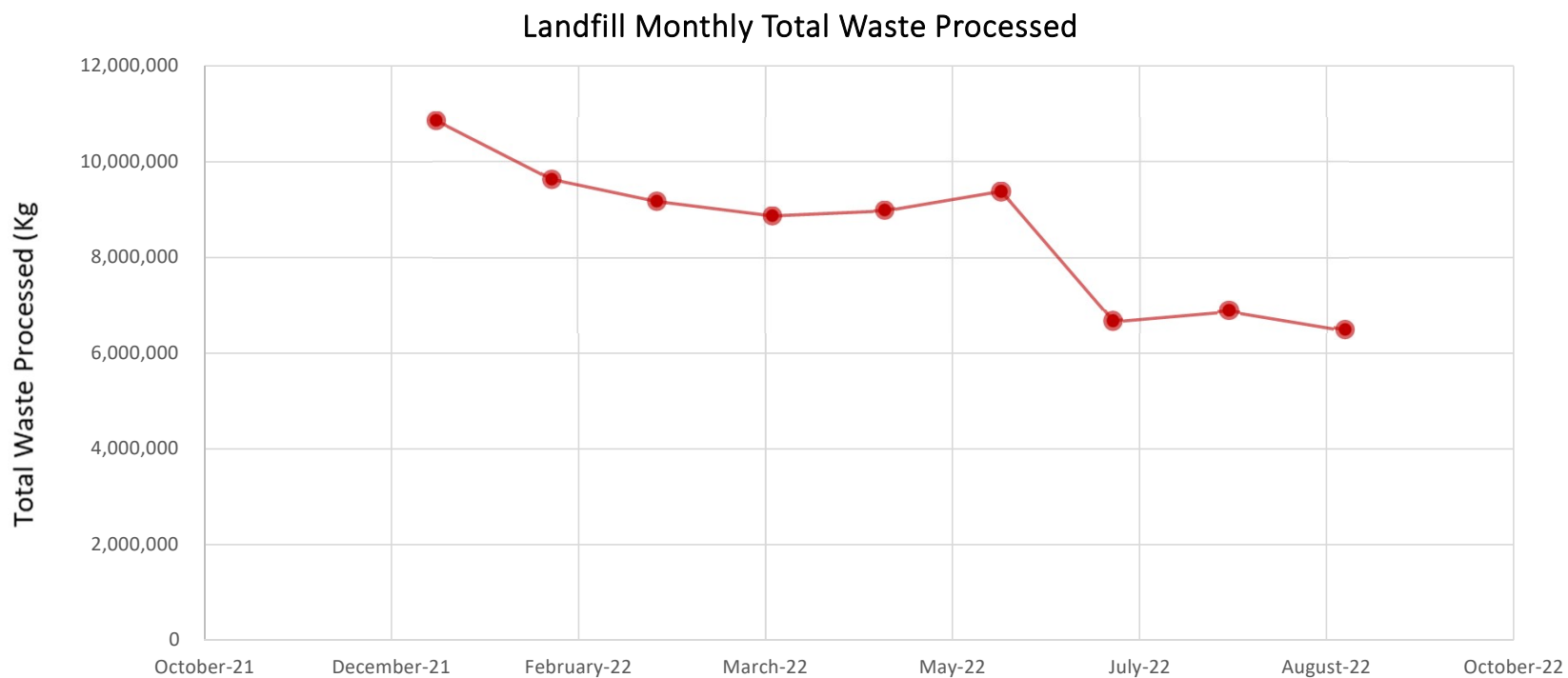
Tom Weir



Landfill – Volumes

- Since February 2022, demand for landfill has decreased due to transportation issues on both side of the border
- COVID restrictions lifted for cross border movement on September 30, 2022; anticipating potential transportation surge by early 2023
- It is anticipated that the final capping for 19-3 will be completed by April 2023 in the new budget year

Landfill – Volumes





Thermal Desorber Unit (TDU)

Levi Prior

TDU – Waste Volumes

1. Inbound volumes have been slower than expected

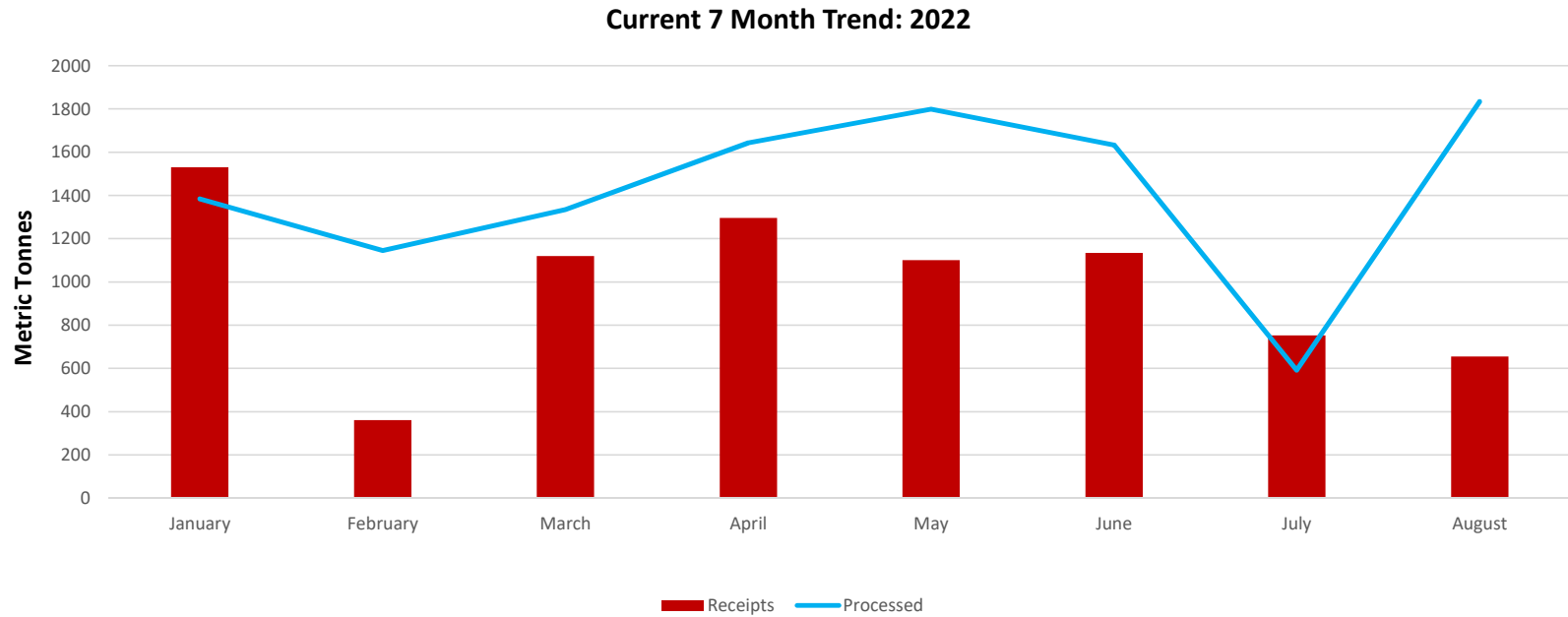
- Expected an estimated volume of 1,000 – 1,500 tons of inbound material monthly

2. Shutdown

- Feed hopper repairs, drum repairs / alignment, vent line pigging, wash out, general maintenance

3. Next scheduled shutdown will be in November of 2022

TDU – Volumes



Questions?

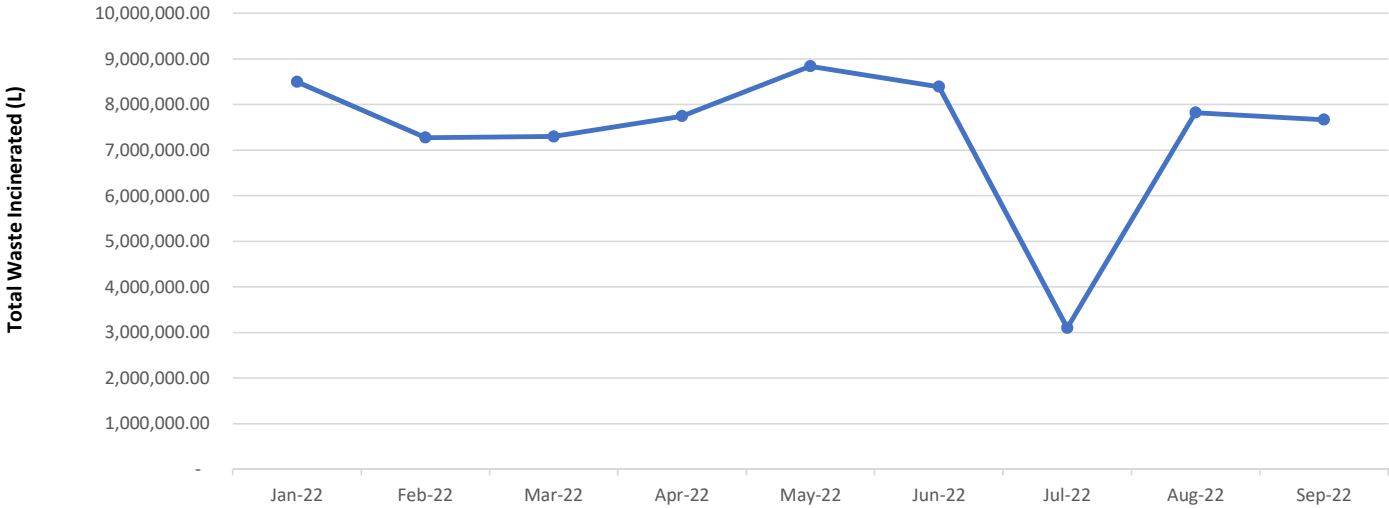
Incinerator

Dave Baulcomb



Incineration Performance

Monthly Total Waste Incinerated (Jan - Sep 2022)



- Production remains steady
- Dips due to maintenance months

Incineration Maintenance

- A 3-week turnaround started beginning July 2nd, 2022. Along with our regular maintenance tasks, some significant projects were completed
- A replacement of our 235' stack
- A replacement of the duct work from the exit of the bag house to the inlet of the ID Fan (induced draft fan).
- A replacement of our main gas (CO,CO₂,THC,O₂,SO₂,HCl) analyzer is scheduled to be completed in November this year during the turnaround
- A replacement of our Opacity meter (measures and controls particulate %)
- A full site annual power outage was completed on Sunday, July 3rd to test/inspect and repair our high voltage components.



Compliance

Umashree Pancholy



Compliance

Compliance Emission Testing

- Mercury Emissions – Aug
- Annual Stack Testing – week of Nov 7th

The 2022 monitoring programs – in continuation

- Groundwater sampling – Aug
- SPL testing - June
- NORM Biomonitoring – Sep & Oct
- Ambient Air Monitoring – Last sample collected for the year on Sep 21

Cell 20-1 slope monitoring work – Weekly slope stability monitoring

Temporary Waste Storage cell Leachate – Final cap before October 22, 2022



Ministry of the Environment - Update



Questions ?



40 YEARS



PEOPLE AND TECHNOLOGY CREATING A SAFER, CLEANER ENVIRONMENT

