

May 10, 2022

# Community Liaison Advisory Committee Meeting

## Clean Harbors Lambton Facility

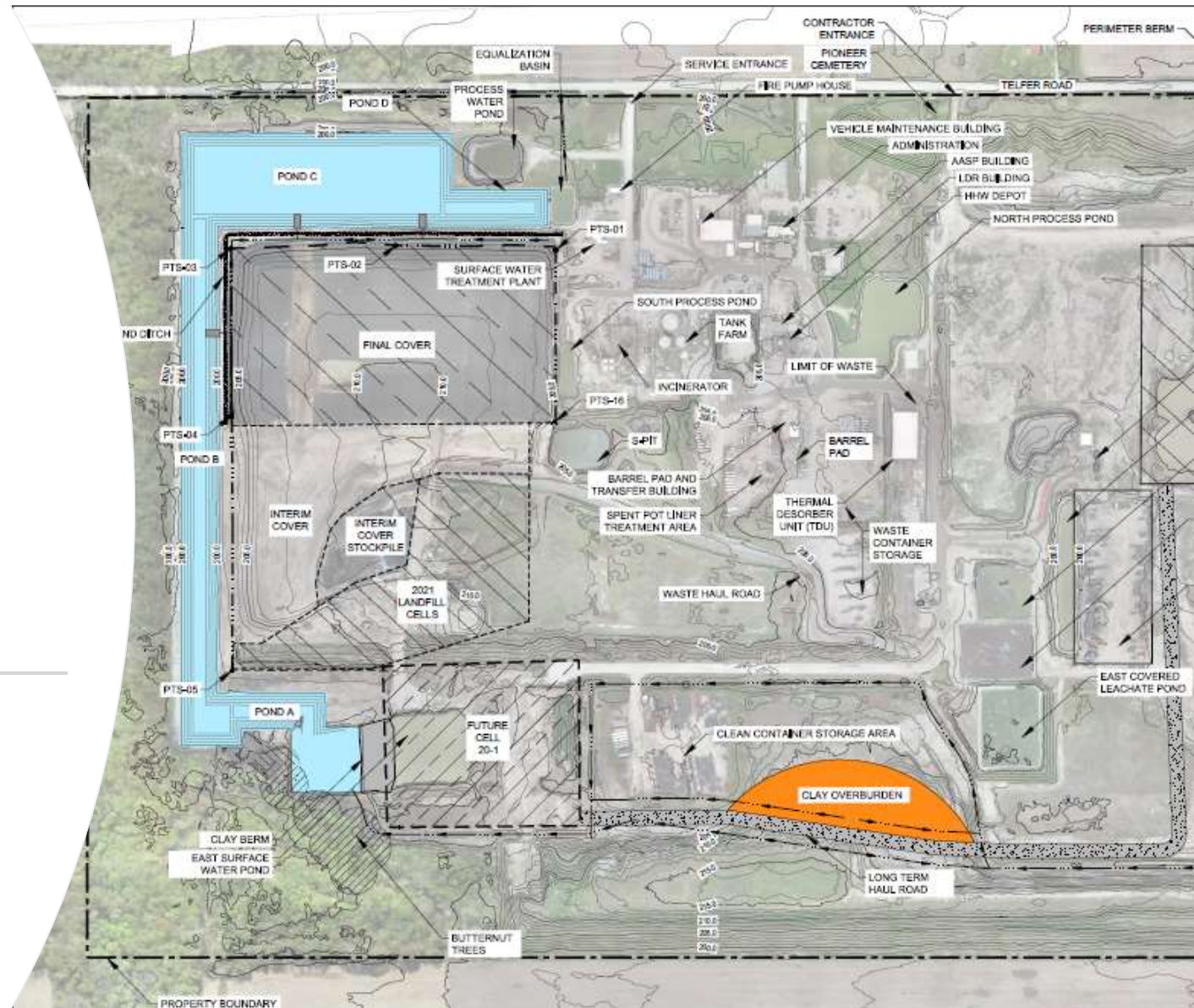


# Agenda

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

# General Facility Updates

JR





An aerial photograph of a large industrial facility, likely a landfill or waste management plant, situated in a rural area with green and brown agricultural fields. The facility includes several large rectangular basins, a central processing area with various structures and equipment, and a large area of excavated earth. A circular, semi-transparent white overlay is positioned on the left side of the image, partially covering the facility and the surrounding fields.

# Landfill

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Tom Weir

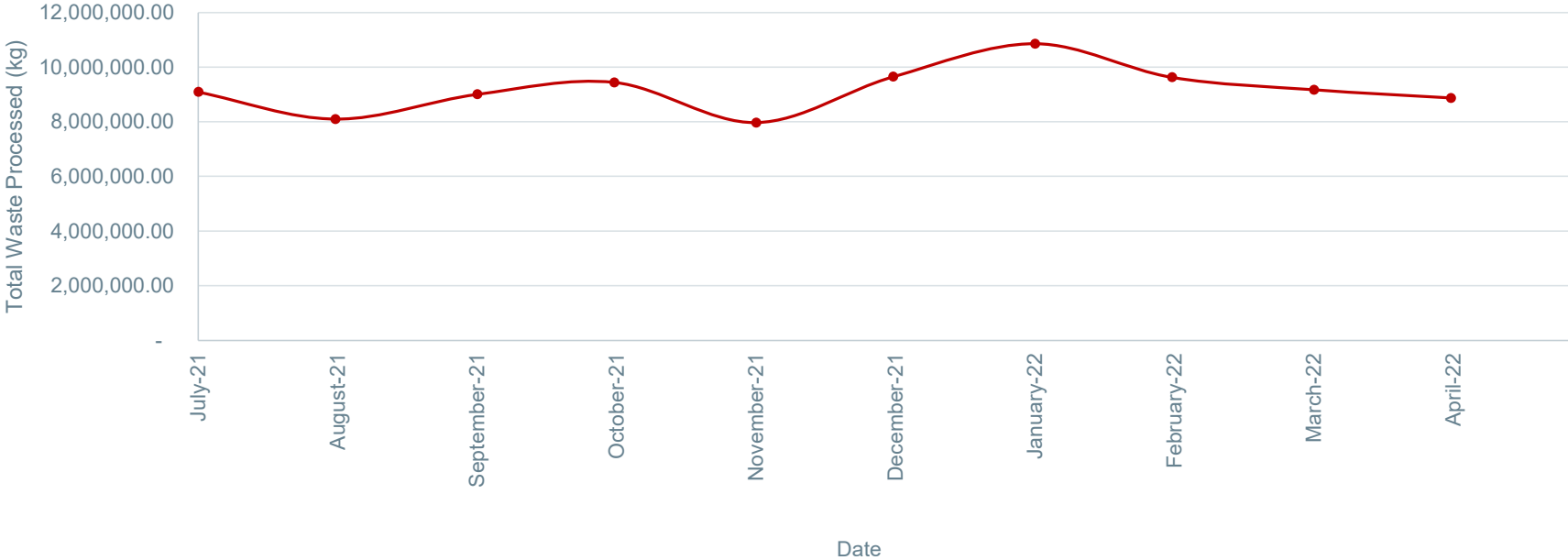


# Landfill – Volumes

- Inbound volumes have decreased since peak volumes at start of year, but remain at strong levels.
- Have hired an extra 6 people to help with workload.
- It is anticipated that 19-3 will be capped by the end of the spring.

# Landfill – Volumes

Landfill Monthly Total Waste Processed



- Total processed in 2022 = 38, 519,100 kg





# Thermal Desorber Unit (TDU)

Levi Prior

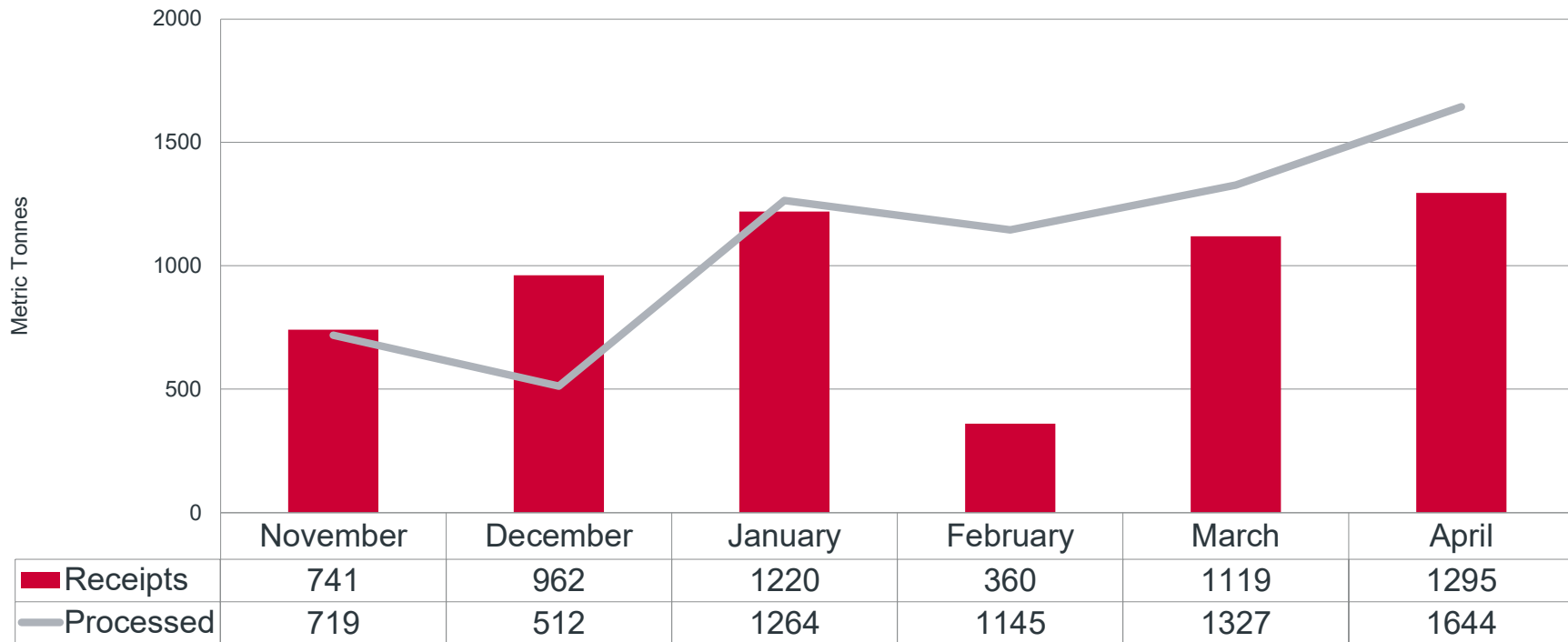
# TDU – Waste Volumes

- Inbound volumes have started to decline
  - Expected an estimated volume of 1,000 – 1,500 tons of inbound material monthly
- Shutdown
  - Feed hopper repairs, drum repairs / alignment, vent line pigging, wash out, general maintenance
- Next scheduled shutdown will be in July of 2022



# TDU – Volumes

6 Month Trend: 2021-2022



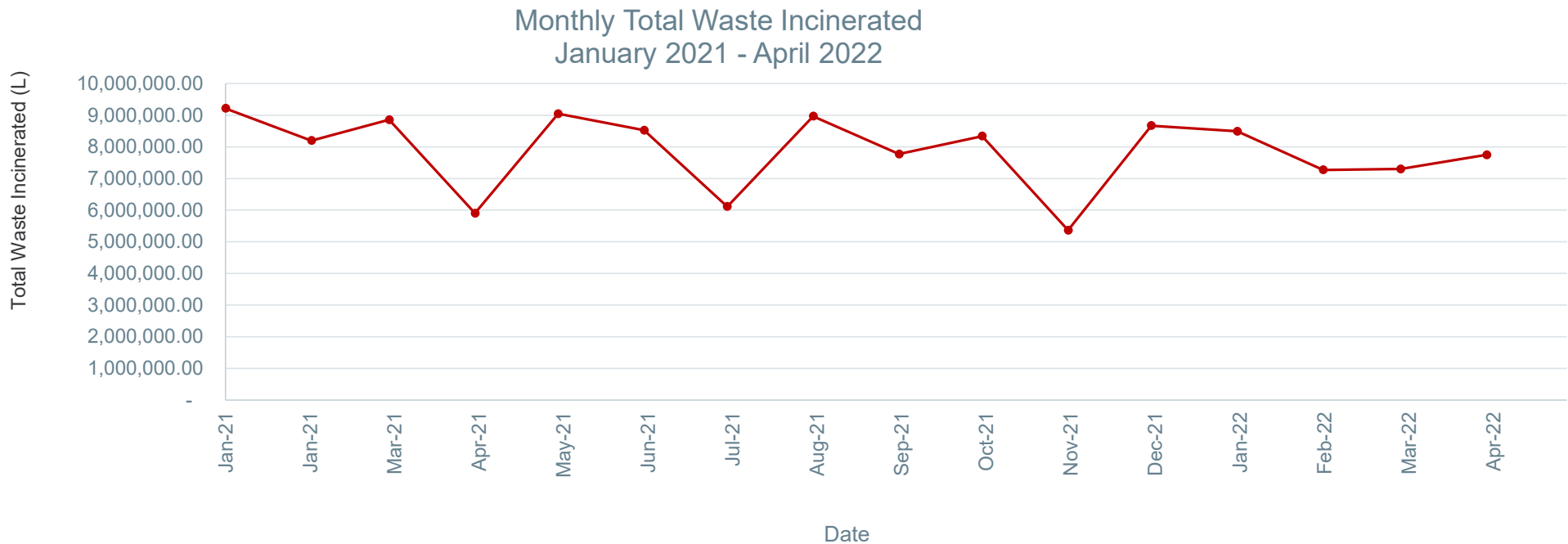
▪ Questions?

# Incinerator

Dave Baulcomb



# Incineration Performance



- Production remains steady
- Dips due to maintenance months



# Incineration Maintenance

- Beginning July 2nd, we will be engaging in a 3-week turnaround. Along with our regular maintenance tasks, some significant projects are slated to be 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.
- A replacement of our Opacity meter (measures and controls particulate %)
- A full site annual power outage is scheduled for Sunday, July 3rd to test/inspect and repair our high voltage components.



# Compliance

Mackenzie Costello

# Compliance

- The 2021 Annual Landfill Report has been submitted and distributed to MECP, St. Clair Township, Walpole Island First Nation and Aamjiwnaang First Nation
  - Contains reports of ambient air monitoring, groundwater monitoring, quarterly site inspections, surface water monitoring and biomonitoring
- The 2022 monitoring programs have begun
  - Groundwater sampling happening this week
  - SPL testing scheduled for next week
  - Ambient Air monitoring started
- The facility was discharging surface water from late March until early May.
  - Approximately 47,500,000 L discharged off-site
  - Surface water samples collected week of May 1







# Ministry of the Environment - Update

# Questions ?



# 40 YEARS



PEOPLE AND TECHNOLOGY CREATING A SAFER, CLEANER ENVIRONMENT

