



# Brooks Road Landfill Public Liaison Committee E-Update

**November 4, 2020**



Brooks Road Landfill Site



# Overview

- COVID-19
- Meeting Minutes
- Site Update
- Site Approvals
- Other Business/ Scheduling 2021 Meetings





# COVID-19

- As mentioned in the June e-Update, given the current situation around COVID-19, the Ontario government has provided guidance and restrictions on public events and gatherings.
- Based on the best advice of Ontario's Chief Medical Officer of Health, the Ontario government has issued restrictions to prohibit organized public events and indoor social gatherings of more than 10 people (***updated on September 19, 2020***).
- With this in mind and in consultation with PLC Members, the September PLC Meeting will not take place in person, but rather via an e-update.
- The goal is to continue to provide information to the PLC and the broader community. This e-Update will be posted on the Brooks Road website and as always, members of the PLC and public are able to contact the Brooks Road team with any specific questions/concerns.





# Review of Previous Minutes

- The June PLC Meeting was completed as an e-Update
- Therefore, there are no Minutes for review
- The June e-Update was posted to the Brooks Road Environmental website and the November e-Update will also be posted





## Site Update - BRE





# Site Update

## Odour Mitigation

- The amount of complaints received has substantially reduced
  - June 0 odour complaints and 1 daily cover complaint
  - July 2 odour complaints.
  - August 0 odour complaints.
  - September 2 odour complaints.
  - October 2 odour complaints.
- Odour control measures - odour control granules, additional clay cover, and misting system (Staff on-Site 7 days a week if required)

## Leachate Treatment Plant

- In 2020 to date, 20,553,190 L of leachate has been treated and removed from Site.
- Haldimand County has approved an increase to the maximum daily haulage of treated effluent from 125 m<sup>3</sup> to ~160 m<sup>3</sup>.

## Maintenance Activities

- Prewinter treatment plant maintenance completed including mechanical maintenance and membrane cleaning.





# Hauling and Leachate Level Update

- **Elevation on January 1, 2020**
  - Leachate elevation - 199.2 m amsl
- **Effluent and Leachate Summary for June to September:**

Month	Volume	Leachate Elevation
June	873,040 L	197.5 m amsl
July	2,227,950 L	196 m amsl
August	1,759,560 L	195.2 m amsl
September	1,948,260 L	194.2 m amsl
<b>Total</b>	<b>6,808,810 L</b>	

- **The leachate level has dropped 5.0 m since January 1, 2020 and 20,553,190 L of leachate has been treated and removed from Site.**





## Odour Complaints



**0**  
complaints



**2**  
complaints  
over 2 days



**0**  
complaints



**2**  
complaints  
over 2 days



**2**  
complaints  
over 2 days

**Complaint  
Lines**

**Corporate:** 416-966-1100

**Site Specific:** (888) 402-7368

**On-site Office:** 416-389-8876

**MECP Spills Action:** (800) 268-6060







# Ongoing Odour Mitigation Strategy Update

- Reduce the leachate level in the cell by increasing leachate treatment plant production;
- Reduce leachate generation:
  - Placement of interim cover completed for areas not actively receiving waste; and
  - Continue strategic placement of material to allow for installation of final cover.
- Continue placement of low odour non-hazardous contaminated soil in the active waste fill area.
- Predictive application of odour control measures on weekends if weather conditions are forecasted to be conducive to odour complaints.
- Continue to operate stationary odour control mister.





# Site Approvals – EA & ECA



Brooks Road Landfill Site



## Site Approvals – EA & ECA

- BRE are set to embark on an Environmental Screening process to amend their approved Environmental Compliance Approval.
- The landfill is currently approved to receive up to 1,000 tonnes per day and no more than 151,000 tonnes per year of post-diversion solid non-hazardous Industrial, Commercial & Institutional (IC&I) waste.
- Brooks Road is seeking to amend the approved ECA to allow for receipt of this maximum daily quantity throughout the year, allowing for an annual maximum fill rate of 250,000 tonnes.
- The total final approved volumes or footprint will not change.
- A change in the annual fill rate limit requires a modification to Condition 3(7) of the approved ECA.
- This ECA amendment is subject to the Environmental Screening Process in accordance with Section 15 of the Waste Management Projects Regulation, (O. Reg. 101/07) of the EA Act



## Site Approvals – EA & ECA

- The Environmental Screening will be conducted in accordance with the planning and design process outlined in Ontario’s “*Guide to Environmental Assessment Requirements for Waste Management Projects*”.
- The Screening process includes identifying and applying screening criteria to determine and describe potential environmental effects, public/external agency consultation, and the development of measures to mitigate effects.
- The results of the Study will be documented in an Environmental Screening Report, which will be released for review to the public, Indigenous communities, and government agencies.
- Consultation activities are planned throughout the Screening Process and will be advertised via direct and/or electronic mail, in the local newspaper, and on the project website ([www.brenvironmental.com](http://www.brenvironmental.com))
- A Notice of Commencement/ Notice of Future Public Meeting (Virtual) will be posted on Thursday November 5<sup>th</sup>





## Other Business/ Next Meeting

- We continue to update the Brooks Road website with additional information/ FAQs to address comments/ questions from our last PLC Meeting
- We will be posting additional information with respect to the Environmental Screening in the coming weeks.
- We propose to set the following dates for the 2021 PLC Meetings:
  - Wednesday March 3, 2021
  - Wednesday June 2, 2021
  - Wednesday November 3, 2021
- We will contact the PLC in advance with respect to format for the next PLC Meeting in light of COVID-19

