



Brooks Road Landfill Public Liaison Committee E-Update

June 2, 2021



Brooks Road Landfill Site



Overview

- COVID-19
- Meeting Minutes
- Site Update
- Site Approvals
- Other Business





COVID-19

- As mentioned in the March 2021 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 and issued a “Stay At Home” Order (***updated on April 8, 2021***).
- With this in mind and in consultation with PLC Members, the March 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 March 2021 PLC Meeting was completed as an e-Update
- Therefore, there are no Minutes for review
- The March 2021 e-Update was posted to the Brooks Road Environmental website and the June 2021 e-Update will also be posted





Site Update - BRE



Brooks Road Landfill Site



Site Update

Odour Mitigation

- Odour control measures - odour control granules, additional clay cover, and misting system (Staff on-Site 7 days a week if required)

Leachate Treatment Plant

- Hauling treated effluent to the Haldimand County treatment plant continues.

Maintenance Activities

- Replacement of leachate treatment plant membranes cassettes and membrane feed pumps late April – early May. Membrane cassettes were replaced due to reaching end-of-life and membrane pumps were replaced to increase membrane cleaning efficiency. During leachate treatment plant downtime, various equipment was inspected and several holding tanks were cleaned.





Hauling and Leachate Level Update

- Effluent and Leachate Summary for March to May:

Month	Volume	Leachate Elevation
March	2,151,760 L	194.4 m amsl
April	1,318,180 L	195.0 m amsl
May	875,440 L	194.4 m amsl
Total	4,345,380 L	

- In accordance with the ECA, the 2020-2021 Anniversary-Based (196 m amsl) and the Capacity-Based (195.7 m amsl) leachate compliance elevations were achieved in March.





Odour Complaints



1
Complaint



1
Complaint



No
Complaints

**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 nearing completion of the Environmental Screening process to amend the approved Environmental Compliance Approval (ECA) that commenced in November 2020.
- As part of the Environmental Screening, BRE is seeking to amend the approved ECA to allow for receipt of a maximum daily quantity of 1,000 tonnes per day, or an annual maximum fill rate of 250,000 tonnes (currently approved for an annual maximum of 151,000 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 is being 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 have been documented in the Environmental Screening Report (ESR), which was released for review to the public, Indigenous communities, and government agencies on April 15, 2021.
- The ESR is posted for a 60 day review period, which ends on June 15, 2021 on the project website (www.brenvironmental.com) for public and agency comment.
- The ECA Amendment application has been submitted to the MECP for review.





Other Business/ Next Meeting

- Remaining PLC Meeting dates for 2021 are as follows:
 - 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

