



Brooks Road Landfill Public Liaison Committee Virtual Meeting

March 2, 2022



Brooks Road Landfill Site



Overview

- COVID-19
- Ground Rules and PLC Objectives
- Site Update
- MECP Update
- Site Approvals
- Other Business





COVID-19

- Due to the situation regarding COVID-19, and restrictions on public events and gatherings, the 2021 PLC meetings were carried out as e-Updates.
- As of February 17, 2022, indoor organized public events of up to 50 people will be allowed and no limits will be placed on outdoors events and for meeting and event spaces where proof of vaccination is required
- However, with the health and safety of all public members in mind and in consultation with PLC Members, the March PLC Meeting will not take place in person but is instead is being held virtually.
- The format of the PLC meetings (virtual or in-person) for the remained of the 2022 will be determined in discussion with PLC Members.
- The goal is to continue to provide information to the PLC and the broader community. This presentation will be posted on the Brooks Road Environmental website for those who are unable to attend today's virtual meeting, and as always, members of the PLC and public are able to contact the Brooks Road team with any specific questions/concerns.





Ground Rules/ Objectives of Today's Meeting

Take the opportunity to be heard while respecting the viewpoints of others

Gain a deeper understanding of perspectives and opinions

Leave with a little more information than what you came in with

Ensure constructive dialogue that remains on topic

Begin and end on time





Purpose and Objectives of PLC

- PLC is a condition under the Environmental Compliance Approval (ECA)
- Function in accordance with the Terms of Reference for the PLC, as amended

“The PLC shall serve as a forum for dissemination, consultation, review and exchange of information regarding the operation of the landfill Site, including environmental monitoring, maintenance, complaint resolution, and new approvals or amendments to existing approvals related to the operation of this landfill Site.”

- PLC members and their roles
- PLC Meetings are open to the public and shall be held in public
- The PLC may hear deputations from any member of the public or interested agency pertaining to the Site and its operation



Review of Previous Minutes

- The November 2021 PLC Meeting was completed as an e-Update
- Therefore, there are no Minutes for review
- The November 2021 e-Update was posted to the Brooks Road Environmental website





Site Update - BRE





Site Update

Odour Mitigation

- No odour complaints were received since the last PLC update
- Odour control measures - misting system operating and odour control granules are utilized if required.
- Staff are available on-site 7-days a week when required

Leachate Treatment Plant

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

Site Activities

- Visual screening fence installed on berm adjacent to Brooks Road and animal control fencing installed around perimeter of Site as required by ECA.





Odour Complaints



0

Complaints



0

Complaints



0

Complaints



0

Complaints

**Complaint
Lines**

Corporate: 416-966-1100

Site Specific: (888) 402-7368

On-site Office: 416-389-8876

MECP Spills Action: (800) 268-6060





Hauling and Leachate Level Update

- Effluent and Leachate Summary for November to February:

Month	Volume	Leachate Elevation
November	2,543,880 L	197.4 m
December	2,352,000 L	196.9 m
January	1,660,990 L	195.9 m
February	1,868,090 L	196.3 m
Total	8,424,960 L	
Monthly Average	2,106,240 L	

- Target Elevation for March 27, 2022 (+/- 15 days) is expected to be 193.8m based on Schedule 'C' of the ECA.





Leachate level Reduction Strategy

- The Ministry issued a Notice of Violation for non-compliance of the target leachate elevation. The Notice required written plan to reduce the leachate elevation to Schedule 'D' elevation. Brooks Road submitted a plan to bring the leachate level into compliance, which contained the following action items:
 - **Increase treated effluent off-site haulage**
 - **Work toward an ECA (sewage works) amendment application to modify the treatment system filtration technology to increase reliability and effluent production**
 - **Continue monitoring membrane performance**
 - **Increase interim cover installation to shed water to perimeter ditching to reduce further infiltration**



Leachate level Reduction Strategy

In addition to the previous items, the following supplemental action items will be utilized:

- Similar to 2020, ~550 m³ of temporary storage tanks are being utilized to store ponded contact water from interim cover areas that are not able to shed stormwater to perimeter ditching. Stored contact water hauled to the Haldimand treatment plant.
- Starting on Thursday ~100 m³/day of raw leachate will be hauled to a licensed wastewater treatment plant in addition to the ~160 m³/day of treated effluent hauled to the Haldimand wastewater treatment plant.





Site Approvals – EA & ECA



Brooks Road Landfill Site



Site Approvals – EA & ECA

- As part of the Environmental Screening completed, BRE amended 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).
- A change in the annual fill rate limit required a modification to Condition 3(7) of the approved ECA.
- The ECA Amendment application was issued by the MECP on October 1, 2021.
- The total final approved volumes or footprint will not change.





MECP Update



Brooks Road Landfill Site



Other Business/ Next Meeting

- The proposed PLC Meeting Schedule for 2022 is as follows:
 - Wednesday June 1, 2022
 - Wednesday November 2, 2022
- The next PLC Meeting will be held on:
 - Wednesday June 1, 2022
- The PLC will be contacted in advance with respect to format (i.e. virtual or in-person) for the next PLC Meeting in light of COVID-19
- Today's presentation along with the meeting minutes will be posted on the Brooks Road Environmental website

