



Brooks Road Landfill Public Liaison Committee E-Update

November 3, 2021



Brooks Road Landfill Site



Overview

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





COVID-19

- Due to the situation regarding COVID-19, and restrictions on public events and gatherings at the time, the March and June 2021 PLC meetings were carried out as e-Updates.
- As of September 25, 2021, we are now in Step 3 of the Province's "Roadmap to Reopen," which allows indoor public events of up to 25 people.
- With this in mind, and in consultation with PLC Members, the November PLC Meeting will not take place in person, but rather via an e-update.
- Future in-person meetings for the 2022 calendar year will be revisited early in 2022.
- 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 Environmental 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 2021 PLC Meeting was completed as an e-Update
- Therefore, there are no Minutes for review
- The June 2021 e-Update was posted to the Brooks Road Environmental website and the November 2021 e-Update will also be posted there





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 were added as needed. Additionally, staff were available on-site 7-days a week when required

Leachate Treatment Plant

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

Maintenance Activities

- Membrane cassettes were removed for inspection and manual cleaning. Several membrane cassettes were replaced during this inspection process





Hauling and Leachate Level Update

- Effluent and Leachate Summary for June to October:

Month	Volume	Leachate Elevation
June	1,473,710 L	193.8 m
July	1,429,620 L	196.2 m
August	1,449,290 L	195.5 m
September	1,278,800 L	197.0 m
October	1,400,020 L	197.4 m
Total	7,031,440 L	

- Significant rainfall amounts in July and September have caused localized accumulation at the base of the leachate pump riser which is where elevation data is recorded by the pressure transducer
- The leachate elevation is expected to return to early summer levels once the localized accumulation dissipates as the leachate is processed by the treatment plant





Odour Complaints



0
Complaint



0
Complaint



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





Ongoing Odour Mitigation Strategy Update

- Reduce the leachate level in the cell by increasing leachate treatment plant production;
- Reduce leachate generation by:
 - Completing the placement of an interim cover for areas not actively receiving waste; and,
 - the continued strategic placement of material to allow for the installation of the 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 has completed the Environmental Screening process to amend the approved Environmental Compliance Approval (ECA) that commenced in November 2020. A Notice of Completion was issued April 15, 2021 announcing the availability of the Environmental Screening Report (ESR) for a 60-day review period ending June 15, 2021.
- The ECA Amendment application was issued by the MECP on October 1, 2021.
- As part of the Environmental Screening, 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).
- The total final approved volumes or footprint will not change.
- A change in the annual fill rate limit required a modification to Condition 3(7) of the approved ECA.





Site Approvals – EA & ECA

- The ECA amendment was 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
- The Environmental Screening was 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 included 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 were documented in the ESR, which was released for review to the public, Indigenous communities, and government agencies on April 15, 2021.
- The ESR is available on the project website (www.brenvironmental.com)





Other Business/ Next Meeting

- The proposed PLC Meeting Schedule for 2022 is as follows:
 - Wednesday March 2, 2022
 - Wednesday June 1, 2022
 - Wednesday November 2, 2022
- The next PLC Meeting will be held on:
 - Wednesday March 2, 2022
- We will contact the PLC in advance with respect to format (i.e. in-person or e-Update) for the next PLC Meeting in light of COVID-19

