



**Brooks Road
Environmental**



Brooks Road Environmental Amendment to the Annual Fill Rate Environmental Screening

Consultation Summary Report

**Brooks Road Landfill Site
160 Brooks Road
Haldimand County, Ontario**

**April 2021
REF NO. 018235 (109)**

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1. Introduction

This report summarizes the Public Consultation undertaken for the Brooks Road Landfill (Site) Environmental Screening process in order to amend the annual fill rate which included two Online Open Houses as prescribed for projects subject to the Waste Management Projects Regulation (O. Reg. 101/07).

1.1 Project Overview

Brooks Road Environmental (BRE) owns and operates the Brooks Road Landfill (Site), located at 160 Brooks Road, near Cayuga, Haldimand County, Ontario. The Site, which operates under Environmental Compliance Approval (ECA) No. A110302, has an approved annual fill rate of 151,000 tonnes per year and a total approved capacity of 1,045,065 cubic metres (m³) (including waste and daily/final cover). The Site has accepted waste (in one form or another) since 1959 and received a Certificate of Approval (CoFA) in 1980, with amendments approved by the Ministry of the Environment¹ in 1980, 2002, 2004, 2005, 2007, 2011, 2012, 2013, 2014, 2017 and 2018. Under the current ECA, the Site is licensed to receive post-diversion solid non-hazardous Industrial, Commercial & Institutional (IC&I) waste from across Ontario. The 14.3 hectare (ha) Site contains an approved fill area of 6 ha.

In 2018, BRE completed an Individual Environmental Assessment² (known as the Brooks Road Landfill Vertical Capacity Expansion EA) to increase the total approved capacity at the Site to allow for the continued receipt of post-diversion IC&I waste over a five to seven year planning period and an amendment to the Site's rate of fill to provide for a maximum of 151,000 tonnes per year. Previously, the Site was approved to accept up to 500 tonnes per day. The approved Vertical Capacity Expansion EA assessed the effects to the environment based on a maximum daily fill rate of 1,000 tonnes per day to demonstrate that the Site could manage this daily quantity, while maintaining the same annual limits (151,000 tonnes per year). The 1,000 tonnes per day was used in the EA as a benchmark during the environmental effects analysis.

Any proposed change in the annual fill rate limits requires a modification to Condition 3(7) of the approved ECA, which specifies the maximum amount of waste that may be received at the landfill on an annual basis. With this in mind, BRE is proposing to amend the approved ECA to allow for receipt of this maximum daily quantity (1,000 tonnes per day) throughout the year, increasing the annual fill rate from 151,000 tonnes per year to 250,000 tonnes per year. This change to the annual fill rate will allow for BRE to respond to the growing demands from waste generators/customers who need a safe and reliable waste management facility for their residual material. This includes the ability to accommodate BRE's customers facing seasonal volume increases at certain times of the year (i.e., increased construction generated wastes) which the Site might not be able to be accommodate with the current annual fill rate. If this Project is approved and the maximum tonnage

¹ Now referred to as the Ministry of Environment, Conservation and Parks (MECP).

² GHD, (2017). Brooks Road Landfill Site Vertical Capacity Expansion Environmental Assessment Report. URL: <https://www.brenvironmental.com/documents>

proposed as part of this Screening were received annually at the Site starting in 2021, the Site may reach capacity earlier.

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*. The Environmental Screening process was conducted in accordance with the Ontario Ministry of Environment, Conservation and Parks (MECP) “Guide to Environmental Assessment Requirements for Waste Management Projects”. **Table 1.1** outlines the steps in the Environmental Screening process.

Table 1.1 Steps in the Environmental Screening Process

Step 1	Publish Notice of Commencement and Public Open House ³
Step 2	Identify Problems or Opportunities and Project Description
Step 3	Apply Screening Criteria
Step 4	Describe Potential Environmental Effects, Concerns & Issues
Step 5	Consultation and Public Open House #1
Step 6	Conduct Studies and Assessment of Potential Environmental Effects
Step 7	Develop Impact Management / Mitigation Measures
Step 8	Consultation and Public Open House #2
Step 9	Identify Significant Net Effects and Resolve Concerns (if required)
Step 10	Conduct Additional Studies and Assessments (if required)
Step 11	Prepare Environmental Screening Report
Step 12	Publish Notice of Completion
Step 13	Resolve Elevation Requests (if required)
Step 14	Submit Statement of Completion to MECP

³ Online Open Houses were held instead of in-person Public Open Houses throughout the Environmental Screening process in response to the emergency order in place prohibiting public gatherings in order to limit the spread of COVID-19.

1.2 Consultation and Engagement

Two Online Open Houses were held as part of the Environmental Screening process as prescribed for projects subject to the Waste Management Projects Regulation (O. Reg. 101/07).

At the time of the consultation, the Ontario government had an emergency order in place prohibiting public gatherings in order to limit the spread of COVID-19. As such, in-person Public Open Houses were not possible. In response, BRE notified community members (see **Section 1.3**) and provided online consultation opportunities, including two Online Open Houses in order to reach a broad range of interested community members. Both Online Open Houses were available for two full weeks and had a similar format of a self-directed website with the option to comment directly to BRE on the information presented. The following outlines the purpose of each of the Online Open Houses.

- **Online Open House #1 (November 12 to November 26, 2020):** The purpose of this Online Open House was to present an overview of the proposed Project, the Screening results of the potential environmental effects, and the overall legislative requirements for the Environmental Screening process. **Section 2** provides a detailed summary of Online Open House #1.
- **Online Open House #2 (March 3 to March 17, 2021):** The purpose of this Online Open House was to present the results of the completed technical studies on the potential environmental effects of the Project and outline the proposed mitigation measures. **Section 3** provides a detailed summary of Online Open House #2.

The consultation activities described in the following sections and the consultation documentation were developed in accordance with the consultation expectations set out in the MECP's Code of Practice for Preparing and Reviewing Environmental Assessments in Ontario (January 2014), and in MECP's Guide to Environmental Assessment Requirements for Waste Management Projects (March 2007).

1.3 Notifications & Communications

BRE communicated and engaged with various stakeholder groups who might be affected by the Project. As part of the Environmental Screening process, BRE consulted with government agencies, Indigenous communities, and the public (see **Table 1.2**).

Table 1.2 List of Government Agencies and Indigenous Communities Contacted

Provincial Agencies
<ul style="list-style-type: none"> • Ministry of the Environment, Conservation and Parks • Ministry of Natural Resources and Forestry • Ministry of Heritage, Sport, Tourism and Culture Industries • Ministry of Agriculture, Food and Rural Affairs • Ministry of Municipal Affairs • Ministry of Transportation • Ministry of Education • Ontario Provincial Police • Grand River Conservation Authority

Provincial Agencies

- Niagara Peninsula Conservation Authority

Municipal Agencies

- Haldimand County

Indigenous communities

- Six Nations of the Grand River First Nation
- Mississaugas of the Credit First Nation
- Métis Nation of Ontario

1.3.1 Methods of Notifying & Communicating

Online and traditional print communications methods were used in advance of and throughout the consultation periods for this Environmental Screening process. To maintain consistency and familiarity, the same methods for notifying interested stakeholders of Online Open House #1 and Online Open House #2 were used and are summarized in **Table 1.3**.

**Table 1.3 Notification Summary for Online Open House #1
& Online Open House #2**

Method	Online Open House #1	Online Open House #2
Email	Project subscribers received email notifications in advance of the start of the Public Consultation period on November 5, 2020. A reminder email was sent on November 19, 2020 when the Online Open House was “live”.	Project subscribers received email notifications for Online Open House #2 on March 3, 2021. A reminder email was sent on March 11, 2021.
Print Newspaper Ads	Traditional Print Advertisements were placed in the Sachem Gazette, the Glanbrook Gazette, and the Haldimand Press on November 5, 2020.	Traditional Print Advertisement were placed in the Sachem Gazette and the Glanbrook Gazette on March 11, 2021.
Mail Notification	Mailed notification to Project Distribution list (developed during the Vertical Capacity Expansion EA) including 150 households in the project study area the week of November 1, 2020.	Mailed notification to Project Distribution list (developed during the Vertical Capacity Expansion EA) including 150 households in the project study area the week of March 1, 2021.
Project Website	Notifications were posted on the BRE website (www.brenvironmental.com) in the Home section and the Documents section on November 5, 2020.	Notifications were posted on the BRE website (www.brenvironmental.com) in the Home section and the Documents section on March 3, 2021.

Method	Online Open House #1	Online Open House #2
Media Article	A newspaper article was included in the November 26, 2020 circulation of the Haldimand Press. The title of the article was: Brooks Road Landfill Seeking Fill Rate Increase to 250,000 Tonnes Per Year: Request Follows Vertical Expansion Granted in 2019.	N/A

1.3.1.1 Alternative Formats

As the consultation was online, BRE modified the notifications to provide instructions on what do to if an alternative format was required by a community member. This was completed to ensure that community members who do not have access to the internet or have accessibility needs, are able to access the information in a way that meets their needs.

BRE did not receive any requests for alternative formats of the Environmental Screening information related to either of the Online Open Houses.

To view a copy of the notices, see **Appendix A**.

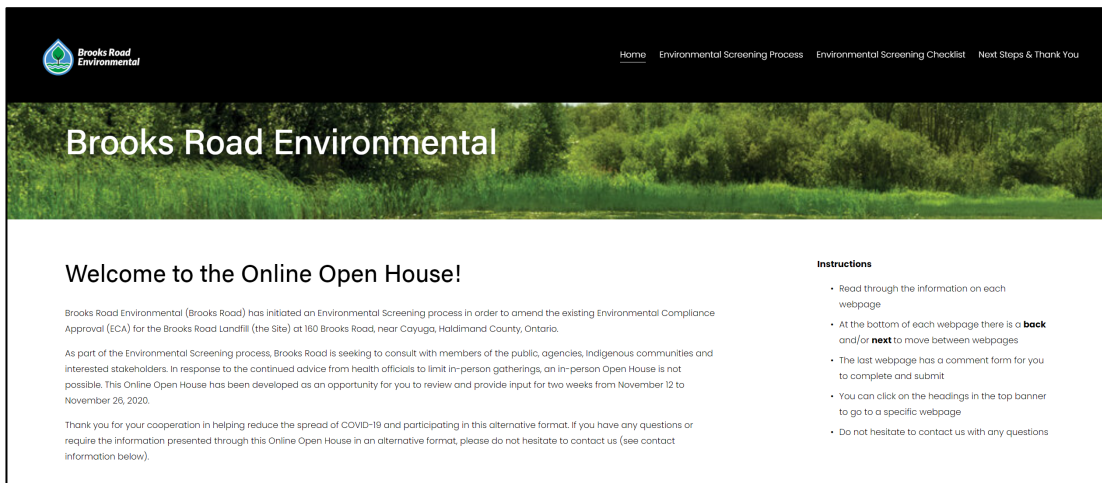
2. Online Open House #1

2.1 Purpose of Online Open House #1

Online Open House #1 started on November 12, 2020 and ended on November 26, 2020.

The purpose of the first Online Open House was to present an overview of the proposed Project, including a description of the purpose and rationale for undertaking the amendment as well as presenting the Screening results of the potential environmental effects. In addition, the overall legislative requirements were presented to demonstrate the steps involved and they key milestones where interested stakeholders could provide input. Feedback government agencies, Indigenous communities, and from the public on the proposed Project received during the Online Open House #1 was considered by the Project Team during subsequent steps of the Environmental Screening process.

2.2 Self-directed Online Open House #1



Online Open House #1 followed a format similar to an in-person Public Open House where community members are able to review the information at their own pace and provide comments at the end. With this in mind, the Online Open House #1 included the following features:

- **Main Page:** A clear and simple homepage welcoming participants, which outlined the purpose of the consultation and provided instructions on how to navigate the self-directed website and information about Brooks Road.
- **Environmental Screening Process:** Details of the Environmental Screening process and the Steps BRE needs to take to complete the Screening and the ECA amendment.
- **Screening Criteria Checklist:** Details the Screening Criteria Checklist and the potential adverse environmental impacts that will be outlined in the Environmental Screening Report.
- **Thank You & Next Steps:** Outlines how the Project Team will use the feedback from the Online Public Consultation and the subsequent steps in the Screening process. This page also had an embedded comment form for community members to provide their feedback on the information presented.

The Online Open House was officially closed following November 26, 2020, with the landing page modified to indicate this information to anyone accessing the link. The project email address remained open to receive public comments.

2.3 Analytics of Online Open House #1

Capturing the analytics of consultation was important to the Project Team to better understand who was able to review the information, from where, and for how long. The following section summarizes the analytic details for Online Open House #1.

- A total of 59 unique visitors.
- A total of 158 page views.
- All visitors accessed the Online Open House directly by visiting www.breenvironmental.com.

- Interested community members visited the self-directed Online Open House using their desktop (91%), mobile (7 %), and table (2%) devices.
- A total of 7 comments were received, four comments the embedded comment form via the Online Open House, and 3 comments by email.

All 59 visitors to the Online Open House were from Ontario. The top locations interested in the Project were located as followed:

- | | |
|-------------------------|-------------------------|
| • Toronto: 35 people | • Brantford: 2 people |
| • Scarborough 18 people | • Hamilton: 1 person |
| • Caledonia: 2 people | • Hagersville: 1 person |

2.4 Summary of Comments Received during Online Open House #1

All comments received throughout the consultation period (November 12 to 26, 2020) were considered as part of this Environmental Screening consultation process.

The embedded comment form for Online Open House #1 on the BRE Project website included the following questions:

- Do you have any comments or questions about the Environmental Screening Process?
- Do you have any comments or questions on the Screening Criteria Checklist?
- Do you have any comments about the identified potential effects of the Project?
- Do you have any additional comments or questions?

A summary of comments received during Online Open House #1 from the public (**Table 2.1**) and government agencies (**Table 2.2**) are provided below. These tables are not a verbatim of all feedback received. The summary has categorized participant feedback into the main subject areas covered in the study and discussed throughout the consultation process. No comments were received from Indigenous communities during Online Open House #1.

To view a copy of the correspondence, see **Appendix A**.



Table 2.1 Summary of Comments Received from the Public during the Initial Consultation Period

Summary of Public Comments Received		Response to Comments Received
Aerodrome Comments		
	There is an aerodrome operated by Skydive Cayuga (located at Highway 3 and Windecker Road) and an airport (located on Stoney Creek Road) in operation within proximity to the study area that were not included on the Online PIC.	Thank you for your comment. The Project Team will revisit the Screening Checklist based on these comments and include the two facilities as part of the consideration of potential effects in the next steps of the Screening process, including subsequent studies.
Traffic Impacts Comments		
	Concerned with the increased GHG emissions from the additional truck traffic and on-site equipment.	As identified in the Screening Checklist, the Fill Rate Amendment will add additional trucks on an annual basis, which has the potential to cause effects on traffic and increase GHG emissions. With this in mind, GHD will conduct additional studies to determine the potential effects and apply mitigation measures to determine the overall net effect from a traffic and GHG perspective as part of the next steps of the Screening Process. The findings of this study will be included in the final Environmental Screening Report and presented at the second Online Public Consultation.
	Concerned about the additional number of heavy trucks on County roads and the impact this will have on road infrastructure and traffic.	The Environmental Screening process will address the additional days of increased vehicle movements to and from the site while operating at 1,000 tonnes per day. This assessment will review more than the annual total vehicles to and from the Site. A local road network capacity analysis under peak operations would review the number of days of increased traffic to the Site and whether or not this would constrain capacity on the local area road network (i.e., Highway 3 and Brooks Road. This analysis was completed in the 2018 Vertical Expansion Environmental Assessment (EA), which determined that any additional traffic as a result of accepting 1,000 tonnes per day would be negligible. This work is ongoing and will be presented at the second virtual public open house in the 1st quarter of 2021.
	How many days per week will the landfill accept waste?	The amendment currently being sought is to allow for the Site to receive up to a maximum 250,000 tonnes of waste per year. This quantity is based on receiving 1,000 tonnes per day of operation, 5 days per week for 50 weeks (site is closed on holidays).



Summary of Public Comments Received		Response to Comments Received
Odour & Leachate Impacts Comments		
	Concerned that the additional waste will result in increased volumes of leachate and that the additional leachate result in adverse odour impacts to the surrounding community.	<p>As identified in the Screening Checklist, the Fill Rate Amendment has the potential to cause effects from an odour perspective. With this in mind, GHD will conduct additional studies to determine the potential effects and apply mitigation measures to determine the overall net effect from an odour perspective as part of the next steps of the Screening Process. The findings of this study will be included in the final Environmental Screening Report and presented at the second Online Public Consultation.</p> <p>It should be noted that odour can come from many sources. Odour control systems and daily monitoring measures have been put in place to allow for the site to address potential issues off-site. A key part of reducing odour issues on site is to reduce the leachate levels as well as overall leachate generated on-site. In recent months, the Site operators have worked tirelessly to ensure leachate levels are reduced and specific odour control measures put in place. These measures are still in place and will continue, and have had a demonstrable positive impact as the Site has received little to no odour complaints from June to October.</p>
	Will the project cause negative effects on public health and safety due to the odour and leachate from the landfill?	Odour control systems and daily monitoring measures have been put in place to allow for the site to address potential issues off-site. A key part of reducing odour issues on site is to reduce the leachate levels as well as overall leachate generated on-site. In recent months, the Site operators have worked tirelessly to ensure leachate levels are reduced and specific odour control measures put in place. These measures are still in place and will continue, and have had a demonstrable positive impact as the Site has received little to no odour complaints from June to October.
	Will BRE be able to manage the leachate volumes in years with heavy rainfall?	Yes. In recent months, the Site operators have worked tirelessly to ensure leachate levels are reduced. Month over month, the Site has been able to reduce leachate levels taking into consideration additional rainfall events at the site.
ECA Compliance Comments		
	Concerned that BRE has not, and will continue to not, comply with ECA requirements to cover the landfill daily.	BRE operate the facility in compliance with the ECA and are able to rapidly address any issues brought to our attention from the Ministry or members of the public. Cover is applied as per the conditions of the



Summary of Public Comments Received		Response to Comments Received
		ECA. On extremely windy days at the site, BRE regularly employs staff to collect any windblown litter around the site. This includes increasing working hours and the number of staff.
	Concern that BRE will apply for another ECA amendment if this project is approved including a larger footprint and additional vertical capacity.	The purpose of this Environmental Screening is to increase the annual waste fill rate currently approved at the site. The proposed change to the annual fill rate requires no additional landfill infrastructure and there is no change to the currently approved landfill volume, footprint, or final contours. There are no further approvals being sought or currently being contemplated by BRE.
General Comments		
	Can public concerns be sent directly to MECP?	As the Environmental Screening Process for Waste management projects is a proponent-driven process, and there is a requirement for the proponent to consult with interested persons, including government agencies, Indigenous communities, and the public, we recommend that any concerns about the project be first sent directly to BRE or to their consultant, GHD. The Consultation Summary Report is shared with MECP for their review and all comments/ concerns will be taken into account when making the final decision on the project.



Table 2.2 Summary of Comments Received from Agencies during the Initial Consultation Period

Summary of Agency Comments Received	Response to Comments Received
Ministry of Heritage, Sport, Tourism, and Culture Industries	
<p>Based on the review of the Screening information, MHSTCI has no comment on the Environmental Screening. Should the project undergo any changes from its current proposal, particularly in expanding the footprint, please contact the undersigned as we may have comments on the modifications.</p>	<p>Thank you for your comments. The proposed change to the annual fill rate requires no additional landfill infrastructure and there is no change to the currently approved landfill volume, footprint, or final contours. There are no further approvals being sought or currently being contemplated by BRE.</p>
Ministry of the Environment, Conservation and Parks	
<p>It is expected that as part of this screening, notification and consultation will continue to be undertaken with the Six Nations of the Grand River, the Mississaugas of the Credit First Nation and the Metis Nation of Ontario, specifically Region 9 chapters.</p>	<p>Consultation with Indigenous communities will take place throughout the Environmental Screening Process. An initial Notice of Commencement email was sent to Indigenous communities on November 5, 2020, followed by a reminder email regarding the Online Open House on November 19, 2020. We have contacted the Indigenous communities that are referenced by the MECP.</p>
<p>As part of the assessment of air quality impacts you should:</p> <ol style="list-style-type: none"> 1. Confirm that the landfill gas/methane generation analysis performed earlier is still valid or will be updated based on this new proposal (disposal rates). 2. Confirm that the leachate treatment system can accommodate the proposed increased volume of waste. 3. Update the ESDM Report accordingly (considering landfill gas/methane generation and leachate treatment). 4. Revise the Odour Management Plan in consideration of any resulting changes in site operations and 1 and 2 above. 	<p>Thank-you for the comments. An Air Quality Impact Assessment was completed in June 2016 as part of the <i>Brooks Road Landfill Site Vertical Capacity Expansion Environmental Assessment (2017)</i>. The analysis estimated the emission (i.e., landfill gas, methane, carbon dioxide, non-methane organic compounds) rates that the proposed vertical expansion would produce and found that the amount of landfill gas generated was anticipated to be insignificant from an overall site profile.</p> <p>With this in mind and as identified in the Screening Checklist, the Fill Rate Amendment has the potential to cause effects from an emission of greenhouse gas (e.g., carbon dioxide, carbon monoxide) and odour perspective. The project team will build off the 2017 findings and revisit the landfill gas/ methane generation analysis to determine if an increase to the annual fill rate has the potential to cause an effect. Further, the Odour Management Plan will be reviewed as a starting point when drafting applicable mitigation measures in the next stage of the project.</p>
<p>We suggest that impacts relating to leachate generation should also be scoped into the screening. Specifically, the effects of increasing the fill rate will need to be evaluated within the context of the leachate management plan (LMP) that was recently reviewed and incorporated</p>	<p>BRE will review the potential impacts from a leachate generation perspective and incorporate these findings into the Environmental Screening.</p>



Summary of Agency Comments Received	Response to Comments Received
<p>into the ECA issued in March 2020. The LMP has both capacity and leachate elevation-based targets for the volume of leachate that is currently stored in the base of the landfill. Increasing the fill rate will shorten the timeframe for meeting these leachate targets, which will need to be addressed.</p>	

2.5 Next Steps

At the end of Online Open House #1, the Project Team reviewed the comments received from the public and government agencies and proceeded to Step 6 of the Environmental Screening Checklist. Feedback from Online Open House #1 informed the subsequent studies that were conducted to assess the potential environmental effects and mitigation measures.

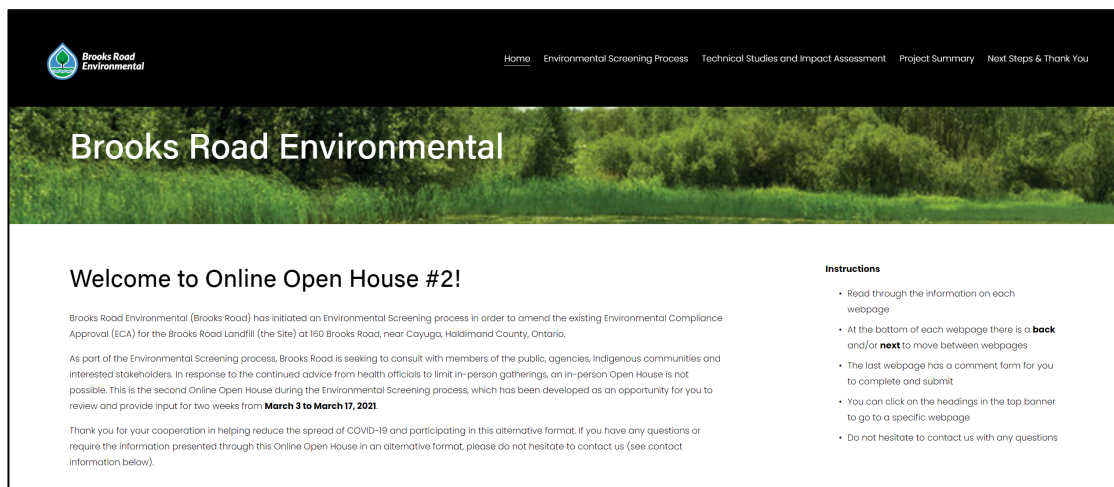
3. Online Open House #2

3.1 Purpose of Online Open House #2

Online Open House #2 started on March 3, 2021 and ended on March 17, 2021.

The purpose of Online Open House #2 was to present the results of the completed technical studies on the potential environmental effects of the Project and outline the proposed mitigation measures. Feedback from government agencies, Indigenous communities, and the public on the proposed mitigation measures were considered by the Project Team during subsequent steps of the Environmental Screening process.

3.2 Self-directed Online Open House #2



Online Open House #2 followed a similar format to Online Open House #1, where community members were able to review the information at their own pace and provide comments at the end. With this in mind, the Online Open House #2 included the following features:

- **Main Page:** A clear and simple homepage welcoming participants, which outlined the purpose of Online Open House #2 and provided instructions on how to navigate the self-directed website and information about Brooks Road.
- **Environmental Screening Process:** Details of the Environmental Screening process and the Steps BRE needed to take to complete the Screening and the ECA amendment.



- **Technical Studies and Impact Assessment:** Details of the completed technical studies and the proposed mitigation measures that will be outlined in the draft Environmental Screening Report.
- **Project Summary:** Provided a high-level summary of the Project, including the purpose, objective and outcomes of the Study.
- **Thank You & Next Steps:** Outlined how the Project Team will use the feedback from the Online Open Houses and the subsequent steps in the Screening process. This page also had an embedded comment form for community members to provide their feedback on the information presented.

Following March 17, 2021, Online Open House #2 was officially closed with the landing page modified to indicate this information to anyone accessing the link. The embedded comment form was no longer available via the Project website, however the Project email address remained open to receive public comments.

3.3 Analytics of Online Open House #2

The following section summarizes the analytic details for Online Open House #2:

- A total of 59 unique visitors.
- A total of 169 page views.
- Visitors accessed the Online Open House by directly link (78%), the BRE website (15%), a Google search (4%), or by unknown methods (3%).
- Visitors accessed the Online Open House #2 using their desktop (88%), mobile (10%), and table (2%) devices.
- A total of four comments were received. Two comments were received from the public through the embedded comment form via the Online Open House and two comments were received by email for government agencies.

All 59 visitors to the Online Open House were from Ontario. The top locations interested in the Project were located as followed:

- | | |
|----------------------|-------------------------|
| • Toronto: 19 people | • Brantford: 3 people |
| • Hamilton: 6 people | • Orangeville: 2 people |
| • Cayuga: 4 people | • Dunnville: 1 person |

3.4 Summary of Comments Received

All comments received throughout the consultation period (March 3 to March 17, 2021) were considered as part of this Environmental Screening consultation process.

The embedded comment form for Online Open House #2 on the BRE Project website included the following questions:

- Do you have any comments or questions about the Environmental Screening Process?



- Do you have any comments or questions on the technical studies conducted?
- Do you have any comments or questions on the proposed mitigation measures?
- Do you have any additional comments or questions?

A summary of comments received during Online Open House #2 from the public (**Table 3.1**) and government agencies (**Table 3.2**) are provided below. These tables are not a verbatim of all feedback received. The summary has categorized participant feedback into the main subject areas covered in the study and discussed throughout the consultation process. Similar to Online Open House #1, no comments were received from Indigenous communities during Online Open House #2.

To view a copy of the correspondence, see **Appendix A**.



Table 3.1 Summary of Comments Received from the Public during the Second Consultation Period

Summary of Public Comments Received		Response to Comments Received
Traffic Impacts Comments		
	Requested clarification regarding the change in truck traffic volumes along Highway 3 and Brooks Road as a result of the proposed annual fill rate increase.	<p>The Site is approved to accept 1,000 tonnes of material per day (Monday to Saturday) up until the maximum approved annual fill rate is reached (151,000 tonnes per year). The proposed Project aims to amend the approved ECA to allow for receipt of this maximum daily quantity (1,000 tonnes per day) throughout the year, increasing the annual fill rate from 151,000 tonnes per year to 250,000 tonnes per year.</p> <p>The Traffic Impact Assessment completed during the Vertical Expansion EA used a worst-case scenario of 1,000 tonnes per day, which is consistent with the current application. The Traffic Impact Assessment found that the proposed Project does not increase the expected traffic volumes at the study intersections during peak periods on a daily basis. The maximum daily truck traffic at the landfill, assuming delivery of 1,000 tonnes of material per day, is 34 inbound and outbound trucks per day plus another one or two trips for staff.</p> <p>Section 5.3.2 of the final Environmental Screening Report has been revised to clearly describe the impacts to traffic as a result of the proposed Project, which for traffic is in keeping with the previous analysis completed during the Vertical Expansion EA.</p>
	Asked if the daily cover is stored on Site or if it needs to be trucked to the Site on a regular basis and how this impacts truck traffic volumes.	<p>The daily cover material consists of soil, compost, and/ or woodchips. The cover is stored on-Site near the northern property boundary or within the landfill footprint. Some cover material comes from the existing native soils stockpiled on-Site and the remainder is trucked in as required. The truck trips required to transport cover to the Site is included in the total traffic volume (see Section 5.3 of the Environmental Screening Report).</p>
Odour & Leachate Impacts Comments		
	Concerned that BRE does not have a landfill gas collection and control system in place.	<p>Ontario Regulation 232/98 requires the mandatory collection of landfill gas for sites with a waste capacity greater than 1.5 million m³. The total approved waste capacity of the Site is under this threshold (approved capacity is 1,045,065 m³). The proposed Project will not result in a change to the total approved waste capacity of the Site, therefore, landfill gas collection is not required under Ontario Regulation 232/98.</p>



	Summary of Public Comments Received	Response to Comments Received
		<p>Further, given that the anticipated types of waste to be accepted will consist primarily of non-hazardous Industrial, Commercial & Institutional (IC&I) waste, there will be insufficient landfill gas produced to warrant collection.</p> <p>As outlined in Section 5.1 of the Environmental Screening Report, the landfill accepts mostly construction/ demolition waste and inert material. These waste categories contain a very low amount of degradable organic content when compared with higher organic materials such as bulk waste and food waste. Therefore, the landfill is not expected to generate a large amount of methane emissions as a typical Municipal Solid Waste Landfill would. Based on the low level of methane generation at the Site and the negative environmental, energy and economic factors associated with a landfill gas collection and control system (see Appendix B-1 of the Environmental Screening Report for a discussion of the impacts associated with the operation of a gas collection and control system), it was concluded that the operation of such a system is not feasible.</p>
	<p>Asked when the daily odour monitoring is conducted by the Site Operator.</p>	<p>The Site Operator conducts an odour monitoring inspection daily during operating hours. The monitoring activities include:</p> <ul style="list-style-type: none">• Inspection of waste receiving areas, landfill working face, closed landfill areas, and leachate management infrastructure.• Evaluate the waste receiving area and truck queue times to ensure that waste is landfilled in timely fashion.• Evaluate the size of the working face.• Check that a daily cover is applied to the working face at the end of each working day.• Evaluate the interim and final cover in closed/decommissioned areas of the landfill for cracks, fissures and/or erosion and evaluate the coverage and health of vegetation.• Inspect the leachate collection system, storage tanks for exposed areas, leaks and spills.



	Summary of Public Comments Received	Response to Comments Received
		<ul style="list-style-type: none"> Determine and document weather conditions including wind speed, direction, humidity, precipitation, and temperature. <p>If odours are evident on the Site boundary, the Site Operator will take mitigative actions. This may include increasing the amount of daily cover, application of odour control granules, operation of the odour control mister, and/or repairing cover in non-active areas of the landfill.</p>
	<p>Concerned that the additional waste will result in increased volumes of leachate and that BRE will not be able to manage the leachate volumes in years with heavy rainfall?</p>	<p>The Site has an effective Leachate Management System in place. The landfill has been constructed with a base that is designed to convey leachate into a collection system. The leachate is conveyed to the on-Site Leachate Treatment System (LTS). The LTS treats collected leachate prior to discharge to the Brooks Road roadside ditch. For periods where leachate generation exceeds the approved discharge rate of the LTS, excess leachate is trucked from Site for treatment and disposal at a licensed treatment facility. This practice is in compliance with law, including Ontario Regulation 347.</p> <p>Leachate generation is a function of precipitation and the various proportions of the landfill that are covered by daily, interim, and final cover. It is worth noting that the proposed fill rate increase will not change the currently approved total landfill volume, size of landfill footprint, final Site contours, Site operations, or cover and base designs. As such, there are no anticipated changes to the conditions or operation of the approved Leachate Management System and no anticipated increases in leachate generation.</p>
General Comments		
	<p>Request for BRE to follow MECP regulations and the ECA.</p>	<p>Thank-you for the comments. BRE operates the Site in compliance with the ECA and are able to rapidly address any issues brought to our attention from the MECP or members of the public.</p>
	<p>Recommendation for the shredder and drop operation locations to be relocated to the southwest corner of the Site in order to minimize the route from the Site entrance and maximize distance from the closest private dwelling.</p>	<p>As the landfill is progressively filled, the location of the active waste fill area will move. The location of landfill equipment and haul routes shown in the evaluations is intentionally selected to evaluate potential worst-case conditions to ensure impacts to private dwellings are minimized. They are not necessarily representative of long-term operations. It should be noted that the shredder is no longer in operation at the Site.</p>



Summary of Public Comments Received	Response to Comments Received
Concerned that BRE has not adequately informed community of Cayuga and Haldimand of the Environmental Screening process and consultation activities.	<p>All consultation activities and documentation were developed in accordance with the consultation expectations set out in the Ontario Environmental Assessment Act, MECP's Code of Practice for Preparing and Reviewing Environmental Assessments in Ontario (January 2014), and in MECP's Guide to Environmental Assessment Requirements for Waste Management Projects (March 2007).</p> <p>A variety of communications methods (online and traditional print) were used to inform interested community members of the Environmental Screening at key stages in the process. All notices (i.e., Notice of Commencement and Online Open House #1, Online Open House #2, and Notice of Completion) are shared via email, print newspaper advertisements, direct mail notifications, and the BRE website. In addition, several email reminders of consultation activities and document publications (i.e., the Consultation Summary Report, and draft Environmental Screening Report) have been sent to the project subscriber list, agencies, and Indigenous communities throughout the Screening process.</p> <p>Please note that for the Notice of Completion, we will utilize the following methods for notification:</p> <ul style="list-style-type: none">• Advertising in the 2 local newspapers• Direct Mail-outs• Emails to our broader stakeholder list

Table 3.2 Summary of Comments Received from Agencies during the Second Consultation Period

Summary of Agency Comments Received		Response to Comments Received
Ministry of Heritage, Sport, Tourism, and Culture Industries		
	Requested item 7 in Table 3.1 be renamed from “Heritage and Culture” to “Cultural Heritage Resources”, as this term refers to archaeological resources, built heritage resources and cultural heritage landscapes	Table 3.1 has been revised in the final Environmental Screening Report as requested.
	Requested the subheading of Section 4.7 be renamed from “Heritage and Culture” to “Cultural Heritage Resources”, for the same reasons noted above.	The sub-heading of Section 4.7 has been revised in the final Environmental Screening Report as requested.
	Requested the completed MHSTCI checklists be included in the final Environmental Screening Report, as they are considered supporting documentation regarding the statements that cultural heritage resources will not be impacted by the proposal.	The completed MHSRCI checklists (Criteria for Evaluating Archaeological Potential and the Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes) will be included in Appendix A of the final Environmental Screening Report as requested.
	Request to update the name of the ministry in Table 6.1, as the old ministry name is listed.	Table 6.1 has been revised in the final Environmental Screening Report as requested.
Ministry of the Environment, Conservation and Parks		
	General Comments	
	No issues with how the company has addressed the impacts of the proposed change for increasing the number of days per year that 1000 tonnes/ day of waste can be received at the landfill.	No response required.
	No changes to the design of the landfill would be required to accommodate the increase in waste received at the site on an annual basis.	No response required.



Summary of Agency Comments Received	Response to Comments Received
<p>I'd also like to take this opportunity to introduce you to Joan Del Villar Cuicas. Joan is taking over as the REAC for the Ministry's West Central Region effective March 31st. Accordingly, please amend your mailing lists to remove me and add Joan for this and all future projects within this region.</p>	<p>The Project Contact List has been updated.</p>
Leachate Impact Comments	
<p>From an operational perspective, the company has not discussed nor demonstrated that they will be able to remain compliant with the conditions in the approval related to the management and removal of leachate that is stored in the landfill. The increase in the amount of waste received at the landfill on an annual basis will result in an accelerated schedule for leachate removal and this has not been addressed in the screening report.</p>	<p>Section 4.4 of the final Leachate Assessment Report and Section 5.4 of the final Environmental Screening Report have been updated to include information on the leachate management and the schedule for leachate removal at the Site.</p>
<p>Confirm that the leachate treatment system can accommodate the proposed increased volume of waste.</p>	<p>A leachate assessment was carried out as part of the Screening process as per the Ministry's request. The assessment is documented in the Leachate Assessment Report dated March 2021 (Appendix F to the Environmental Screening Report). The Leachate Assessment Report includes an evaluation of the effects of increasing the fill rate be evaluated within the context of the Leachate Management Plan (LMP) that was developed and incorporated into the ECA issued in March 2020.</p> <p>Our findings indicate that there are no anticipated changes to the conditions or operation of the Leachate Management System given the proposed fill rate adjustment will not change the currently approved total landfill volume, landfill footprint, final contours, operations, or cover and base designs. Therefore, there are no anticipated net effects associated with the Leachate Management System.</p> <p>As mentioned above, the discussion included in Section 4.4 of the final Leachate Assessment Report has been updated and will also confirm the Leachate Treatment System is capable of accommodating the potential revisions to the schedule for leachate removal at the Site.</p>



Summary of Agency Comments Received	Response to Comments Received
Air Quality Impact Comments	
<p>Confirm that the landfill gas/ methane generation analysis performed is still valid or needs to be updated based on this new proposal (disposal rates).</p>	<p>A landfill gas/ methane generation analysis was carried out as part of the Screening process. The assessment is documented in the Predicted Methane Generation Memo dated March 1, 2021 (Appendix C.1 to the Environmental Screening Report). The 2021 Memo is an update to the Predicted Methane Generation Memo dated November 16, 2016 to address the proposed increase in annual waste acceptance rates. The 2021 Memo includes revised annual waste acceptance rates and updated methane gas generation rates.</p> <p>Page 3 of the 2021 Memo has been revised to reflect the methane generation volume predicted as a result of the proposed Project, as requested. Further, the Emission Summary and Dispersion Modelling Reports (ESDM Report) prepared for the Site is beening revised to include the landfill gas/ methane generation rates in the 2021 Memo.</p>
<p>Update the ESDM Report accordingly (considering landfill gas/ methane generation and leachate treatment).</p>	<p>As requested, BRE is in the process of updating the Emission Summary and Dispersion Modelling Report (ESDM Report) to incorporate the potential increases in landfill gas/ methane generation at the Site as a result of the proposed Project. The updated ESDM Report will be submitted to MECP for review as part of the ECA process.</p>
<p>Revise the Odour Management Plan in consideration of any resulting changes in Site operations, landfill gas/ methane generation, and the Leachate Treatment System.</p>	<p>BRE has prepared an Odour Management Plan that describes the potential sources of odour and mitigation and contingency measures that may be implemented. The Odour Management Plan was developed based on the current approved fill rate of 1,000 tonnes per day. The changes to the Site are not expected to change the odour profile of the Site or the management of odour. The Site will continue to strive for zero odour complaints from the Site operations. The Odour Management Plan will be updated and submitted as part of the ECA process.</p>

3.5 Next Steps

At the end of Online Open House #2, the Project Team reviewed the feedback received from the public and review agencies and proceeded to Step 9 of the Environmental Screening Checklist. Feedback from Online Open House #2 informed the final Environmental Screening Report.

Once finalized, the Notice of Completion and Environmental Screening Report will be published and made available on the Project website for government agencies, Indigenous community, and the public. After any Elevation Requests are resolved (if required), BRE will submit the Statement of Completion to MECP.



Appendix A

Notices and Correspondence



**Brooks Road
Environmental**

Notice of Commencement and Online Open House #1



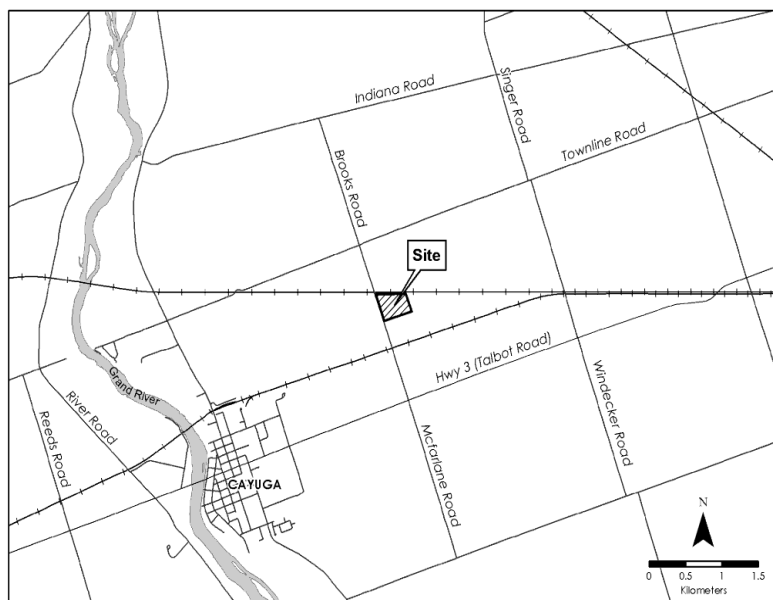
Notice of Commencement of an Environmental Screening and Public Open House – Brooks Road Landfill Amendment to the Annual Fill Rate

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario *Environmental Assessment Act* (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Recently, the Brooks Road Landfill completed an Environmental Assessment (EA) for a vertical expansion for an additional 421,000 m³ (including waste and daily/final cover) of additional capacity. The vertical expansion EA was approved by the Minister of Environment, Conservation and Parks on February 14, 2019 and the ECA was approved on March 27, 2020. The landfill is currently approved to receive up to 1,000 tonnes per day and 151,000 tonnes per year of post-diversion solid non-hazardous Industrial, Commercial & Institutional (IC&I) waste.

As the landfill is currently approved to receive a maximum of 1,000 tonnes per day and up to 151,000 tonnes per year, Brooks Road Environmental is seeking to amend the approved ECA to allow for receipt of this maximum daily quantity throughout the year, allowing for an annual fill rate of 250,000 tonnes per year. There is no change to the currently approved landfill volume, footprint, or final contours.

A change in the annual fill rate limit requires a modification to Condition 3(7) of the approved ECA, which specifies the maximum amount of waste that may be received at the landfill. 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. This change to the annual fill rate will allow for Brooks Road Environmental to capture additional wastes generated by their customers and to fill the site faster and reach their ultimate approved capacity sooner.

The location of the Brooks Road Landfill Site is shown on the map below. The purpose of the Environmental Screening is to study the potential effects of the increased annual fill rate on the environment.



The Process

As described above, the proposed project is subject to the Ministry of Environment, Conservation and Parks (MECP) Environmental Screening Process for waste management projects in accordance with O. Reg. 101/07 under the EA Act. The Screening will be conducted in accordance with the planning and design process outlined in Ontario MECP'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

identified environmental 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 and Virtual Public Open House #1

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending virtual consultation events or contacting Project Team staff directly with questions. 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). Due to current gathering restrictions based on COVID-19, a virtual Public Open House will be undertaken with all interactive information posted on our website. Brooks Road Environmental would appreciate your input and welcomes you to explore the virtual Public Open House which will run from November 12 to November 26, 2020.

If you would like to be added to our project mailing list or have project-related questions, please contact:

Richard Weldon
Manager, Brooks Road Environmental
T: 416-389-8876
E-mail: richard@brenvironmental.com

Blair Shoniker, MA., RPP
Senior Waste & Environmental Planner
GHD Limited
T: 905-429-5040 E-mail: Blair.Shoniker@ghd.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act* (FIPPA). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at (416) 327-1434.

This notice published: NOVEMBER 5, 2020

OBITUARIES

OBITUARIES

HILTZ, Trudy Ann (nee MacDonald)



(John) and Brent (Linda) and many nieces and nephews and their families. In keeping with Mom's wishes cremation has taken place and a private memorial will take place at a later date.

Psalm 56.

But when I am afraid, I will put my trust in you. I praise God for what he has promised. I trust in God so why should I be afraid. What could mere mortals do for me. Keep track of my sorrow and collect all my tears. Praise the Lord; Praise God our saviour! For each day he carries us in his arms.

Thank you to the staff of Grandview Lodge for the wonderful care of Mom and the support to the family in her last few days. In lieu of flowers donations can be made to; Alzheimer's Society, and Haldimand Senior Support Day Program.

Online condolences may be left at www.passfieldmortuary.ca.

IN MEMORIAM

BOUCHER, Ronald Joseph November 4, 2010

Remembering you is easy,
We do it every day;
Missing you is the hardest part
As it never goes away.
To hear your voice,
to see your smile,
To sit with you
and talk for awhile
Would be our
greatest wish today,
Tomorrow, our
whole life through,
We'll always love
and remember you.

- Darlene, David,
Lisa and family

SCRIVEN, Carol Joan (Cox) December 4, 1936 - October 30, 2012

In memory of our dear friend
and cousin. We will hold you
in our hearts forever.
Love Ginny and Karen



VELDMAN, Tony

In loving memory of a beloved
Husband, Dad and Papa,
Tony Veldman, who left us 11
years ago, October 31, 2009.

You left us beautiful
memories, your love is
still our guide, and though
we cannot see you,
you're always at our sides.

Dearly missed by Evelyn, Rob,
Geoff, Tara and families.

In my heart your memory lingers,
always tender, fond and true;
there's not a day, dear friend,
I do not think of you.

Heavy are our hearts today, memory brings you back once more,
to the time when you were with us, to the happy days of yore.

MARKETPLACE

NOTICE BOARD

PUBLIC NOTICE



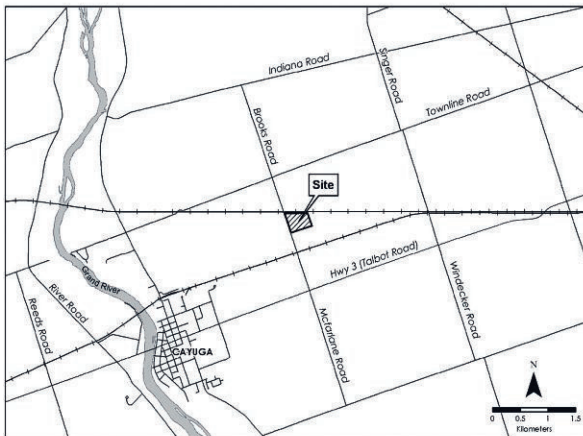
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This notice published: NOVEMBER 5, 2020

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More local MP hopefuls speak out over Leslyn Lewis' nomination

By Mike Renzella
The Haldimand Press

HALDIMAND—When Diane Finley announced her retirement earlier this year, long-time Conservative member and Dunnville resident Mike Ramsey was envisioning the type of nomination race he remembers taking place prior to Finley.

“We have wonderful Conservative people that could have made this something really special in the riding. I have experienced it.... (The nomination meetings) packed the Hagersville high school. There would be 600 to 700 people there and there would be debates and speeches and that's where you got to know the fellow Conservatives across the riding. Even Liberals would go to them to see what it was all about,” reminisced Ramsey, one of several local residents who considered putting their name on the ticket this year but found Leslyn Lewis to be quickly acclaimed uncontested.

“It's not about the nomination. It's about the process of bringing out the best in our area to debate, to talk ... and you wasted an opportunity to hear from really good people that could have offered some insight and information and direction for the area,” continued Ramsey.

Ramsey stressed that he is not necessarily against Lewis, but against her representing Haldimand specifically: “She could be a very big, powerful voice in the GTA.... They're letting her come down to a rural area because it is an easy win, but what good is that for Toronto where the Conservatives struggle to get seats? This is not about her personally. I like her, she's a good person, but she's not fit for this area.”

Cayuga resident James S. Kaspersetz was also planning to step up and take a run at the nomination. Kaspersetz grew up on a farm in Canfield and attended Ontario Agricultural Col-



Mike Ramsey



James Kaspersetz

lege before working as a financial consultant for the Royal Bank, which led him to doing some consulting work for the Ministry of the Environment where he became a Senior Environmental Specialist. With his experience, Kaspersetz felt he had the necessary skills to make a difference at home.

“The people of Haldimand Norfolk do not need another lawyer in Ottawa. They need someone who is entrepreneurial and thinks outside of the box,” said Kaspersetz.

Ramsey is a similarly qualified candidate with decades of local experience under his belt. In addition to having a local business in Dunnville, Ramsey has sat on municipal Council, represented Dunnville at Queen's Park, sat on many commissions and provincial appointments, and he was the President of the local Conservative party in the early 1990s.

Ramsey was feeling that the time may be right to put his name in the mix as a nominee to be the next federal Conservative candidate, but when he started asking around, he found that getting his name on the ballot would be no easy feat.

“I attempted to run. I got the papers and I talked to some party officials from Ottawa privately and I could smell something was coming down the pipes,” explained Ramsey. “That's why I never put the papers in. I could tell there was something off.”

Kaspersetz described the process as being “designed to discourage first-time runners.” He cited the two-week deadline to submit his nomination package that included over 90 pages of questions and required supporting signatures from 25 members of the local Conservative party.

“Leslyn had run for the leadership of the party months before, and she had a distinct advantage because she had the riding information, the membership lists, the contacts (from that race),” said Ramsey. “I was told by Ottawa that when you run for leadership at the end, you are supposed to give the information back and sign an agreement that you are not going to use that information again. My question is, how did Leslyn get all that information because under the rules of this riding, the membership list was not allowed to be given out.”

“If you're not going to give the membership list out, how are you supposed to get the 25 signatures? They say if you're a member you should know the members of the association. First of all, there are no general meetings and if there are it's

a handful of people, once a year. There's no information coming out about what's going on with the local party.”

“It's pretty obvious when you look at the people that wanted to run, the other people that have spoken up, they had no idea where to look. You call the riding president and they say they can't tell you who (the members) are, you just have to go and find them. It's like trying to find a needle in a haystack 25 times and you've got two weeks to do it,” stated Ramsey, noting that gathering signatures was complicated further by COVID-19 limitations.

Ramsey and Kaspersetz also do not agree with the Conservative party requirement that a campaign bank account be set up prior to submitting a nomination as it is not required by Elections Canada.

“That's a party rule, but I'd ask the question, what's the sense of setting up a bank account when you're not a candidate yet?” asked Ramsey.

As reported previously, Albert Marshall's nomination application was denied because he lacked this account to pay the required \$1,000 fee, and a representative of the Party stated that the Party's rules were made clear to Marshall. The representative also stated that the deadline for applications being two weeks after the nomination is officially called is also set in stone by Party rules; however, no explanation was provided as to why the nomination was called when it was.

Lewis publicly announced her intention to apply for the nomination approximately two weeks before the process was officially started, and had announced plans to run in an undisclosed location earlier this summer.

Kaspersetz claims he contacted Diane Finley's office for help with his nomination package but was turned away by a staff member: “I asked if we could get together and discuss the process. He basically said I needed to be more organized like Lewis. He commented that Lewis was the preferred choice; she had a team already in place from the leadership race.”

Ramsey feels the most important factor should be previous local involvement: “You have to pay your dues. You have to sit on Council, you have to be on the Chamber of Commerce, you have to sit on these community committees and raise funds for your local hospital to understand how this community runs.”

Ramsey recalls a similar situation 20 years ago when Finley came into power.

“There was no challenge for the candidacy. It was done very quickly and (Finley) got it. I was a party member, never even knew it was going on,” said Ramsey. “All of a sudden it has happened again and (Finley) had a hand in it.”

Kaspersetz also believes Finley put her support behind Lewis as she is “what Ottawa wanted”.

“If I had been President of the Haldimand Norfolk Conservative party, I would have damn made sure that every person that wanted to run knew the nominations were coming,” said Ramsey. “They should have worked hard to make that happened, but they didn't.”

Kaspersetz says the Conservative Party has lost his support and he is considering either running independently or putting together a new party and running a counter block.



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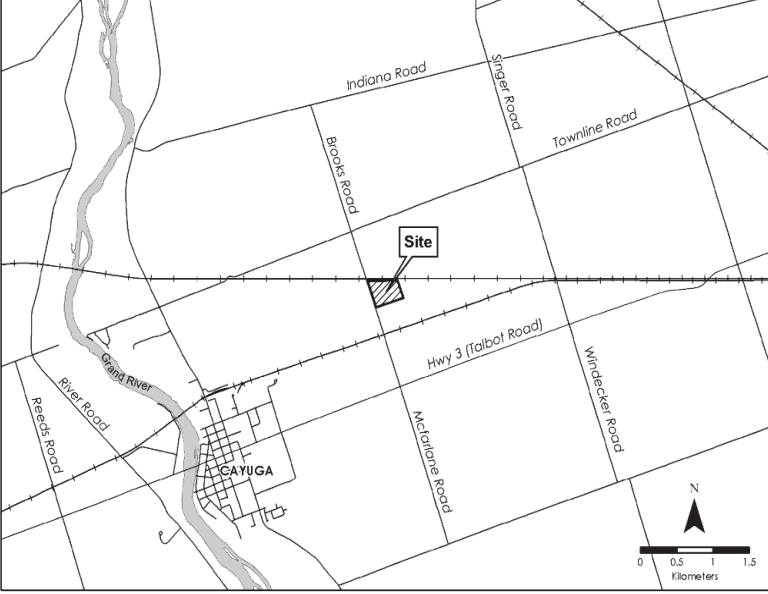
Notice of Commencement of an Environmental Screening and Public Open House – Brooks Road Landfill Amendment to the Annual Fill Rate

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Recently, the Brooks Road Landfill completed an Environmental Assessment (EA) for a vertical expansion for an additional 421,000 m3 (including waste and daily/final cover) of additional capacity. The vertical expansion EA was approved by the Minister of Environment, Conservation and Parks on February 14, 2019 and the ECA was approved on March 27, 2020. The landfill is currently approved to receive up to 1,000 tonnes per day and 151,000 tonnes per year of post diversion solid non hazardous Industrial, Commercial & Institutional (IC&I) waste.

As the landfill is currently approved to receive a maximum of 1,000 tonnes per day and up to 151,000 tonnes per year, Brooks Road Environmental is seeking to amend the approved ECA to allow for receipt of this maximum daily quantity throughout the year, allowing for an annual fill rate of 250,000 tonnes per year. There is no change to the currently approved landfill volume, footprint, or final contours.

A change in the annual fill rate limit requires a modification to Condition 3(7) of the approved ECA, which specifies the maximum amount of waste that may be received at the landfill. 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. This change to the annual fill rate will allow for Brooks Road Environmental to capture additional wastes generated by their customers and to fill the site faster and reach their ultimate approved capacity sooner.

The location of the Brooks Road Landfill Site is shown on the map below. The purpose of the Environmental Screening is to study the potential effects of the increased annual fill rate on the environment.



The Process

As described above, the proposed project is subject to the Ministry of Environment, Conservation and Parks (MECP) Environmental Screening Process for waste management projects in accordance with O. Reg. 101/07 under the EA Act. The Screening will be conducted in accordance with the planning and design process outlined in Ontario MECP'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 identified environmental 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 and Virtual Public Open House #1

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending virtual consultation events or contacting Project Team staff directly with questions. 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). Due to current gathering restrictions based on COVID 19, a virtual Public Open House will be undertaken with all interactive information posted on our website. Brooks Road Environmental would appreciate your input and welcomes you to explore the virtual Public Open House which will run from November 12 to November 26, 2020.

If you would like to be added to our project mailing list or have project related questions, please contact:

Richard Weldon
Manager, Brooks Road Environmental
T: 416 389 8876
E-mail: richard@brenvironmental.com

Blair Shoniker, MA., RPP
Senior Waste & Environmental Planner
GHD Limited
T: 905 429 5040 E-mail: Blair.Shoniker@ghd.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act (FIPPA). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at (416) 327 1434.

This notice published: NOVEMBER 5, 2020



**Brooks Road
Environmental**

Notice of Online Open House #2



Notice of Online Open House #2 Brooks Road Landfill Amendment to the Annual Fill Rate Environmental Screening

Brooks Road Environmental (BRE), owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill.

The landfill is currently approved to receive up to 1,000 tonnes per day and 151,000 tonnes per year of post-diversion solid non-hazardous Industrial, Commercial & Institutional (IC&I) waste. BRE is seeking to amend the approved ECA to allow for receipt of this maximum daily quantity throughout the year, allowing for an annual fill rate of 250,000 tonnes per year. This change to the annual fill rate will allow for Brooks Road Environmental to capture additional wastes generated by their customers. If this project is approved and the maximum tonnage proposed as part of this Screening were received annually at the Site starting in 2021, the approved capacity of the site may be reached earlier. There is no change to the currently approved landfill volume, footprint, or final contours.

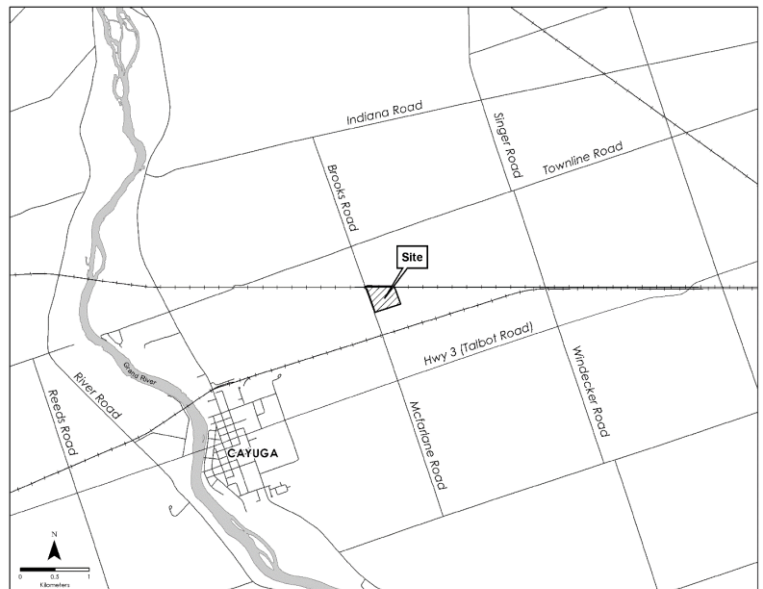


Figure 1 Brooks Road Landfill

The purpose of the Environmental Screening is to study the potential effects of the increased annual fill rate on the environment.

The Environmental Screening Process

The Screening will be conducted in accordance with the planning and design process outlined in Ontario MECP'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 identified environmental 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.

Online Open House #2

Consultation is an important part of the Environmental Screening process and we want to hear from you. Members of the public, agencies, Indigenous communities, and other interested persons are invited to attend the Online Open House #2 by visiting www.brenevironmental.com from March 3 to March 17, 2021. Online Open House #2 is an opportunity to review the results of the completed technical studies on the potential environmental effects of the Project and provide feedback on the proposed impact management and mitigation measures.

Due to current gathering restrictions resulting from COVID-19, an in-person Open House is not possible. If you or someone you know requires an alternative format of the information presented or would like to speak with a project member directly, please contact:

Richard Weldon
Manager, Brooks Road Environmental
Tel.: 416-389-8876
E-mail: richard@brenevironmental.com

Blair Shoniker, MA., RPP
Senior Waste & Environmental Planner
GHD Limited
Tel.: 905-429-5040
E-mail: Blair.Shoniker@ghd.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the MOECC for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act* (FIPPA). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at (416) 327-1434.

Notice Published: March 2, 2021



Notice of Online Open House #2

Brooks Road Landfill Amendment to the Annual Fill Rate

Environmental Screening

Brooks Road Environmental (BRE), owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill.

The landfill is currently approved to receive up to 1,000 tonnes per day and 151,000 tonnes per year of post-diversion solid non-hazardous Industrial, Commercial & Institutional (IC&I) waste. BRE is seeking to amend the approved ECA to allow for receipt of this maximum daily quantity throughout the year, allowing for an annual fill rate of 250,000 tonnes per year. This change to the annual fill rate will allow for Brooks Road Environmental to capture additional wastes generated by their customers. If this project is approved and the maximum tonnage proposed as part of this Screening were received annually at the Site starting in 2021, the approved capacity of the site may be reached earlier. There is no change to the currently approved landfill volume, footprint, or final contours.

The purpose of the Environmental Screening is to study the potential effects of the increased annual fill rate on the environment.

The Environmental Screening Process

The Screening will be conducted in accordance with the planning and design process outlined in Ontario MECP'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 identified environmental 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.

Online Open House #2

Consultation is an important part of the Environmental Screening process and we want to hear from you. Members of the public, agencies, Indigenous communities, and other interested persons are invited to attend the Online Open House #2 by visiting www.breenvironmental.com from March 3 to March 17, 2021. Online Open House #2 is an opportunity to review the results of the completed technical studies on the potential environmental effects of the Project and provide feedback on the proposed impact management and mitigation measures.

Due to current gathering restrictions resulting from COVID-19, an in-person Open House is not possible. If you or someone you know requires an alternative format of the information presented or would like to speak with a project member directly, please contact:

Richard Weldon
Manager, Brooks Road Environmental
Tel.: 416-389-8876
E-mail: richard@breenvironmental.com

Blair Shoniker, MA., RPP
Senior Waste & Environmental Planner
GHD Limited
Tel.: 905-429-5040
E-mail: Blair.Shoniker@ghd.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the MOECC for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act* (FIPPA). Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at (416) 327-1434.

Notice Published: March 11, 2021

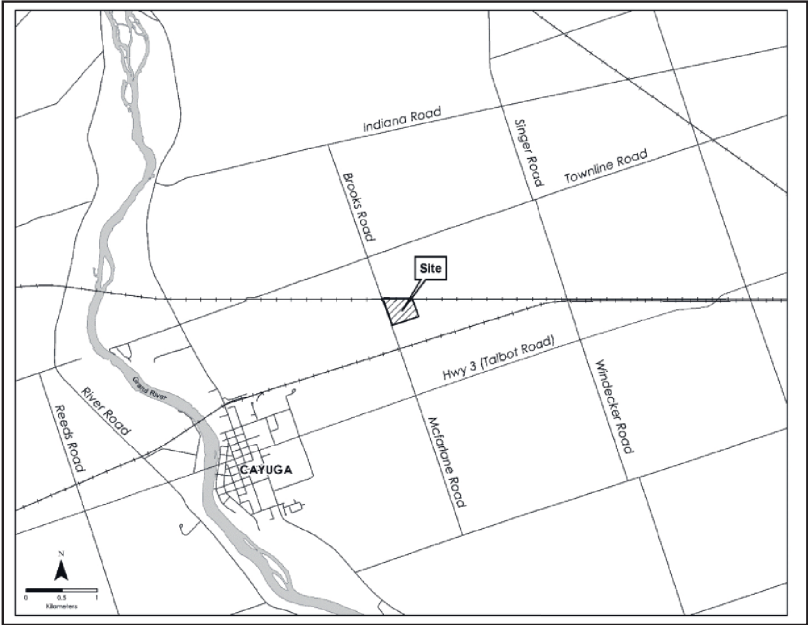


Figure 1 Brooks Road Landfill



Media Article

Brooks Road Landfill seeking fill rate increase to 250,000 tonnes per year

Request follows vertical expansion granted in 2019

By Kaitlyn Clark
The Haldimand Press

CAYUGA—Brooks Road Environmental (BRE), owner of the landfill on Brooks Road in Cayuga, is seeking an amendment to its existing approval in order to increase the annual waste fill rate at the site.

BRE is looking to accept up to its maximum operational capacity of 1,000 tonnes per day for up to 250 days a year, compared to the current 151 days.

"This would increase the annual fill rate from 151,000 tonnes per year to 250,000 tonnes. This change to the annual fill rate will allow Brooks Road to capture additional wastes generated by customers and fill the site faster and reach the approved capacity sooner," read the online open house by BRE. "The amendment does not affect or change the current approved landfill volume, footprint, or final contours."

The 12.4 hectare site contains an approved fill area of 6 hectares with a total capacity of 1,045,065 cubic metres, including waste and covers. There will be no changes to the existing facility or infrastructure on site and it will continue to operate at its approved hours and within its current maximum daily truck traffic, which sees about 40-50 trucks between 7 a.m. and 5 p.m. to hit 1,000 tonnes. Changes that could occur due to the amendment include:

- Increase of cumulative annual traffic

- Cause negative effects from the emission of greenhouse gases, dust, odour, and/or noise

On the ongoing odour issues, Blair Shoniker, Senior Waste and Environmental Planner with consultant GHD, said BRE has "worked tirelessly to ensure leachate levels (a prime source of odour) are reduced and specific odour control measures are put in place" recently, as evidenced by reduced complaints from June to October.

As part of its next steps, BRE will determine any "potential adverse environmental effects" of the increase and provide mitigation and monitoring measures to reduce or eliminate those effects. Additionally, feedback gathered from the public will be considered in the Environmental Screening Report.

Once the screening process is complete, BRE will initiate the amendment process with the Ministry of Environment, Conservation, and Parks. Additional consultation will occur later in the process, including a second open house in January or February of 2021, during which the findings from the Environmental Screening Report will be shared. The current open house closes Thursday, November 26, 2020 and is available to view at

brooksroad.esr.squarespace.com.

"If approved and the maximum tonnage proposed were received annually ... the approved capacity of the site would be reached before 2027 as previ-

ously anticipated," said BRE. Shoniker said the expedited timeline to reach capacity is not guaranteed however: "The capacity of the site is based on volume, not tonnage, and the incoming waste is variable in density; for example, soil is much heavier than building demolition waste. As a result, increased annual tonnage does not necessarily mean increased volume and, as such, if heavier waste (i.e. soil) is received the site may not reach capacity earlier."

BRE was approved for the increase to 1,000 tonnes per day from 500 tonnes per day as part of their vertical expansion that was approved in January 2019. The Ministry approved a new annual maximum instead of a strict daily maximum to give the site flexibility to accept up to 1,000 tonnes per day. BRE was approaching its previously approved capacity of 624,065 cubic metres when it applied for the expansion in 2017; the expansion was expected to add another five to seven years of waste capacity at the site.

"By increasing the annual fill rate, we will be able to respond to the growing demands from our customers who need a safe and reliable waste management facility for their residual material," concluded Shoniker. "We invite you to continue to visit our website for further information on the site, as well as the Screening Process as we progress to the next phase around potential effects and application of mitigation measures."



Correspondence

Alana Wittman

From: Alana Wittman
Sent: Friday, March 12, 2021 4:42 PM
To: Blair Shoniker
Cc: Blair Shoniker
Subject: RE: Reminder of Online Open House #2 – Brooks Road Environmental

Good afternoon,

This email serves as a reminder that the consultation on the Draft Environmental Screening Report for the Brooks Road Landfill Amendment to the Annual Fill Rate is open. We encourage you to review the information on the completed technical studies and provide your feedback on the proposed mitigation measures by Wednesday, March 17, 2021.

If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here](#) to start the Online Open House.

Regards,
Blair

BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner

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Alana Wittman
MES, Planning
Environmental Planner

GHD
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Please consider the environment before printing this email

From: Alana Wittman
Sent: Wednesday, March 3, 2021 3:52 PM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Invitation to participate in Online Open House #2 - Brooks Road Environmental

Good afternoon,

Brooks Road Environmental has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to participate in the second Online Open House from March 3 to March 17, 2021.

Online Open House #2 is an opportunity to review the results of the completed technical studies on the potential environmental effects of the Project and provide feedback on the proposed mitigation measures.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here to start the Online Open House.](#)

Regards,
Blair

**BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner**

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**Alana Wittman
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Please consider the environment before printing this email

From: Alana Wittman

Sent: Monday, January 25, 2021 10:03 AM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good morning,

On behalf of Brooks Road, we would like to inform you that the Consultation Summary Report associated with the Brooks Road Environmental Amendment to the Annual Fill Rate Environmental Screening process has been posted on the Brooks Road Environmental website in the documents section. [Click here](#) to view the document library.

For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Alana

Alana Wittman
MES, Planning
Environmental Planner

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Please consider the environment before printing this email

From: Katrina Kroeze
Sent: Thursday, November 19, 2020 6:07 PM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good evening,

As indicated in the email below, Brooks Road Environmental (Brooks Road) has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill (the Site) at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to participate in an Online Open House from November 12 to November 26, 2020 to learn more and provide comments on the Environmental Screening process.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here to start the Online Open House.](#)

KATRINA KROEZE
Engagement Consultant

GHD
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184 Front Street East Suite 302 Toronto Ontario M5A 4N3 Canada

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Please consider the environment before printing this email

From: Blair Shoniker <Blair.Shoniker@ghd.com>

Sent: Thursday, November 05, 2020 10:06 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Cc: Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good Evening,

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Brooks Road Environmental is seeking to amend the approved ECA to allow for an increase to their annual fill rate. There is no change to the currently approved landfill volume, footprint, or final contours.

Please find attached a copy of the Notice of Commencement of an Environmental Screening and the Draft Project Description/ Screening Checklist. On behalf of Brooks Road, GHD will reach out early next week to offer additional details on the undertaking, as well as to determine if you would like to set-up a separate meeting to review the proposed project in greater detail and discuss your preferred approach to future engagement.

We will continue to notify you about this Environmental Screening, including the upcoming virtual open house. For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Blair

BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner

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D 905 429 5040 M 647 525 9798 E Blair.Shoniker@ghd.com

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Please consider the environment before printing this email

Alana Wittman

From: Alana Wittman
Sent: Friday, March 12, 2021 4:43 PM
To: Blair Shoniker
Cc: 018235; Blair Shoniker
Subject: RE: Reminder of Online Open House #2 - Brooks Road Environmental

Good afternoon Government Review Team,

This email serves as a reminder that the consultation on the Draft Environmental Screening Report for the Brooks Road Landfill Amendment to the Annual Fill Rate is open. We encourage you to review the information on the completed technical studies and provide your feedback on the proposed mitigation measures by Wednesday, March 17, 2021.

If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here](#) to start the Online Open House.

Regards,
Blair

**BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner**

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D 905 429 5040 **M** 647 525 9798 **E** Blair.Shoniker@ghd.com

Alana Wittman
MES, Planning
Environmental Planner

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D +1 416 866 2353 **E** alana.wittman@ghd.com

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Please consider the environment before printing this email

From: Alana Wittman
Sent: Wednesday, March 3, 2021 4:00 PM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Cc: 018235 <018235@ghd.com>

Subject: RE: Draft Environmental Screening Report & Invitation to participate in Online Open House #2 - Brooks Road Environmental

Good afternoon Government Review Team,

Brooks Road Environmental has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to review the Draft Environmental Screening Report and participate in the second Online Open House from March 3 to March 17, 2021.

Online Open House #2 is an opportunity to review the results of the completed technical studies on the potential environmental effects of the Project and provide feedback on the proposed mitigation measures.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here](#) to start the Online Open House

[Click here](#) to view the Draft Environmental Screening Report.

[Click here](#) to view the Appendices of the Draft Environmental Screening Report

Regards,
Blair

**BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner**

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Alana Wittman

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Environmental Planner**

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Please consider the environment before printing this email

From: Alana Wittman

Sent: Monday, January 25, 2021 9:58 AM

To: rmessier@grandriver.ca; dmackenzie@npca.ca; carolyn.lee@ontario.ca; clarissa.whitelaw@ontario.ca;

taylor.buck@ontario.ca; stephen.burt@ontario.ca; barbara.slattery@ontario.ca; michele.doncaster@ontario.ca; drew.crinklaw@ontario.ca; karla.barboza@ontario.ca; Joseph.muller@ontario.ca; brenda.blancher@granderie.ca; jennifer.davey@opp.ca; phil.carter@opp.ca; Belinda.Rose@opp.ca; erick.boyd@ontario.ca; david.marriott@ontario.ca; steven.mcinnis@ontario.ca

Cc: Blair Shoniker <Blair.Shoniker@ghd.com>; 018235 <018235@ghd.com>

Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good morning Government Review Team,

On behalf of Brooks Road, we would like to inform you that the Consultation Summary Report associated with the Brooks Road Environmental Amendment to the Annual Fill Rate Environmental Screening process has been posted on the Brooks Road Environmental website in the documents section. [Click here](#) to view the document library.

For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,

Alana Wittman
MES, Planning
Environmental Planner

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D +1 416 866 2353 E alana.wittman@ghd.com

➔ **The Power of Commitment**

Connect



Please consider the environment before printing this email

From: Katrina Kroeze

Sent: Thursday, November 19, 2020 6:04 PM

To: rmessier@grandriver.ca; dmackenzie@npca.ca; carolyn.lee@ontario.ca; clarissa.whitelaw@ontario.ca; taylor.buck@ontario.ca; stephen.burt@ontario.ca; barbara.slattery@ontario.ca; michele.doncaster@ontario.ca; drew.crinklaw@ontario.ca; karla.barboza@ontario.ca; Joseph.muller@ontario.ca; brenda.blancher@granderie.ca; jennifer.davey@opp.ca; phil.carter@opp.ca; Belinda.Rose@opp.ca; erick.boyd@ontario.ca; david.marriott@ontario.ca; steven.mcinnis@ontario.ca

Cc: 018235 <018235@ghd.com>; Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good evening Government Review Team,

As indicated in the email below, Brooks Road Environmental (Brooks Road) has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill (the Site) at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to participate in an Online Open House from November 12 to November 26, 2020 to learn more and provide comments on the Environmental Screening process.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here to start the Online Open House.](#)

KATRINA KROEZE

Engagement Consultant

Proudly employee owned | ghd.com

M 416 992 9669 E katrina.kroeze@ghd.com

From: Blair Shoniker <Blair.Shoniker@ghd.com>

Sent: Thursday, November 05, 2020 9:33 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Cc: 018235 <018235@ghd.com>

Subject: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Dear Government Review Team Members,

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Brooks Road Environmental is seeking to amend the approved ECA to allow for an increase to their annual fill rate. There is no change to the currently approved landfill volume, footprint, or final contours.

Please find attached a copy of the Notice of Commencement of an Environmental Screening. The Notice of Commencement will appear in the local papers as well as being sent out via mail and email to local public and Indigenous Communities.

We would like to hold a Government Review Team update meeting during the Screening. Future update meetings are anticipated to be held around key milestones and will be communicated to you well in advance.

We will continue to notify you about this Environmental Screening, unless we hear from you stating that you do not wish to be consulted on this undertaking. For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Blair

BLAIR SHONIKER | A GHD PRINCIPAL

MA., RPP.

Senior Waste & Environmental Planner

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65 Sunray Street Whitby ON L1N 8Y3 Canada

D 905 429 5040 M 647 525 9798 E Blair.Shoniker@ghd.com



**Comments from the Public RE the
Notice of Comment and Online
Open House #1**

Date Submitted	Do you have any comments or questions about the Environmental Screening Process?	Do you have any comments or questions on the Screening Criteria Checklist?	Do you have any comments or questions about the identified potential effects of the project?	Do you have any additional comments or questions?
11/19/2020		There is an aerodrome located at Highway 3 and Windecker road, Cayuga Skydive.		
11/24/2020	None.	None.	None.	Please add my name to the list of contacts who wish to be notified regarding this EA. Thank-you
11/25/2020	No change in maximum daily truck traffic on haul route from highway 3 along Brooks Road. Only cumulative annual total traffic will change as a result of this proposal. Will trucks be bringing waste to BRE on holidays to get the 250,000 per year. At 1000 tonnes per day, and extra 99,000 tonnes per year doesn't leave alot of days that the trucks won't be hauling waste and BRE open???	Air & Noise - 3.1 to 3.5 Is Haldimand County Roads dept aware of possibility of extra heavy truck traffic on our local roads around BRE?? Will our infrastructure be able to support the extra traffic?? Not only emissions/pollution from the extra truck traffic but also from the equipment at BRE to move around more waste and more daily cover needed as 99,000 tonnes more per year if approved! 3. 5 should be YES. MORE WASTE=MORE LEACHATE=MORE ODOR 4.7 Increased bird hazards...no as long as daily cover is applied properly each day which sometimes it is not!! 6.9?? Located within 8 kms of an aerodrome/airport reference point?? Not sure what you are talking about here as there are 2 airports within a few kms of BRE??	6.11 Cause negative effects on public health and safety....odor from waste and leachate issues....We had an extremely dry summer in 2020....BRE finally got the leachate levels under control....what happens if we have a wet year with an extra 99,000 tonnes of waste per year BRE won't be able to handle the leachate levels!! MORE WASTE=MORE LEACHATE=MORE UNBEARABLE ODORS!!	It took BRE over a year to get the leachate levels to within what the MOE ordered....what is going to happen with 99,000 tonnes more per year?? Also if this ECA is approved and BRE is able to have 250,000 tonnes of waste per year and BRE is filled sooner....what is the next ECA?? A bigger footprint at BRE....??? Or higher??? This is very scary for anyone that lives in this area....the higher it goes the more noticeable it is??? MORE WASTE=MORE LEACHATE=MORE ODORS
11/26/2020				One concern that I have. Periodically, I can smell the landfill site from Cayuga. It is not pleasant. With the increased fill rate will this odour be rectified or be worsened?

Katrina Kroeze

From: [REDACTED]
Sent: Wednesday, November 25, 2020 10:43 AM
To: Blair Shoniker; [REDACTED] Bill Sutton; jmetcalfe@haldimandcounty.on.ca; [REDACTED]
Subject: [REDACTED] Buck, Taylor (MOECC); Durst, Michael (MOECC)
RESPONSE TO ENVIRONMENTAL SCREENING

November 25, 2020

To those it may concern:

BRE is not putting daily cover on. I have pictures taken on November 21 of debris blown around the site at BRE. I'm sure this happened during the weekend of November 14, 15 – this was the weekend of very high winds.

I had occasion to drive by the dump site November 21. The portable fence on the old rail line had a gap in it that anybody could walk through. These issues have been brought to BRE's attention in the past. Apparently it doesn't matter to them. What other aspects of the ECA are they not following?

Regarding the Commencement of Environmental Screening has the Haldimand road department been consulted about the increased truck traffic; what was their reply?

In the online open house, article 6.9 –Be located within 8km of an aerodrome/airport reference point. This is true, but they should mention the 2 aerodromes at 1km south and 2km south east. Why weren't they mentioned? Article 4.7- Increase bird hazards within the area that could impact surrounding land uses. e.g. airports. There is an increase in bird hazards to aircraft in the area because of the garbage dump site.

The requests for amendments keep coming from BRE. Will they ever stop? There has been environmental studies in the past that were always approved. Then another request, another study and another approval. The fill rate started at 10 tonnes a day, amended in 2004 to 500 tonnes a day and then amended (not sure when) to 1000 tonnes a day, to a limit of 151,000 tonnes in a year. It would appear that every request and environment study is approved by the MECP.

There is a sentence in the Notice of Commencement, “ There is no change to the currently approved landfill volume, footprint, or final contours.”

I would like to know what BRE's future plans are for the sight. What will be their next request?

I find the process strange. Why do we send our comments and complaints to the very people who we are trying to get to follow the rules as laid down in the ECA. Would it not make more sense for me to send these concerns to the organization that makes the decisions on the environmental screening? It would appear to not be in the best interest to approve new requests from BRE, when they appear to have issues following the current ECA.

Respectfully submitted,

[REDACTED]

Alana Wittman

From: [REDACTED]
Sent: Monday, January 25, 2021 11:15 AM
To: Alana Wittman
Subject: Re: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Aerodrome Comments There is an aerodrome operated by Skydive Cayuga (located at Highway 3 and Windecker Road) and an airport (located on Stoney Creek Road) in operation within proximity to the study area that were not included on the Online PIC.

Alana: The above statement is mostly correct, but is missing the aerodrome 1 kilometer south of BRE's location.

From: Alana Wittman <Alana.Wittman@ghd.com>
Sent: January 25, 2021 10:03 AM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good morning,

On behalf of Brooks Road, we would like to inform you that the Consultation Summary Report associated with the Brooks Road Environmental Amendment to the Annual Fill Rate Environmental Screening process has been posted on the Brooks Road Environmental website in the documents section. [Click here](#) to view the document library.

For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Alana

Alana Wittman
MES, Planning
Environmental Planner

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D +1 416 866 2353 E alana.wittman@ghd.com

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From: Katrina Kroeze

Sent: Thursday, November 19, 2020 6:07 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good evening,

As indicated in the email below, Brooks Road Environmental (Brooks Road) has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill (the Site) at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to participate in an Online Open House from November 12 to November 26, 2020 to learn more and provide comments on the Environmental Screening process.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here to start the Online Open House.](#)

KATRINA KROEZE

Engagement Consultant

GHD

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184 Front Street East Suite 302 Toronto Ontario M5A 4N3 Canada

D 416 640 4201 **M** 416 992 9669 **E** katrina.kroeze@ghd.com

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From: Blair Shoniker <Blair.Shoniker@ghd.com>

Sent: Thursday, November 05, 2020 10:06 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Cc: Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good Evening,

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Brooks Road Environmental is seeking to amend the approved ECA to allow for an increase to their annual fill rate. There is no change to the currently approved landfill volume, footprint, or final contours.

Please find attached a copy of the Notice of Commencement of an Environmental Screening and the Draft Project Description/ Screening Checklist. On behalf of Brooks Road, GHD will reach out early next week to offer additional

details on the undertaking, as well as to determine if you would like to set-up a separate meeting to review the proposed project in greater detail and discuss your preferred approach to future engagement.

We will continue to notify you about this Environmental Screening, including the upcoming virtual open house. For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Blair

BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner

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D 905 429 5040 **M** 647 525 9798 **E** Blair.Shoniker@ghd.com

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**Comments from Agencies
RE Notice of Commencement and Online Open
House #1**

Alana Wittman

From: Nathan Garland <ngarland@grandriver.ca>
Sent: Tuesday, January 26, 2021 9:58 AM
To: Alana Wittman
Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Follow Up Flag: Follow up
Flag Status: Flagged

You don't often get email from ngarland@grandriver.ca. [Learn why this is important](#)

[Feedback](#)

Good morning Alana,

Thank-you for circulating our office. The Brooks Road Landfill is located within the GRCA watershed. I'm the GRCA planner assigned to Haldimand County.

GRCA has no comments on the information submitted to increase the rate at which material enters the site as there will be no change in the physical footprint of the site.

Can you please add me to the Circulation list as this moves forward or future amendments are made?

Regards,

Nathan Garland
519.621.2763 x 2237

From: Alana Wittman <Alana.Wittman@ghd.com>
Sent: Monday, January 25, 2021 9:58 AM
To: Robert Messier <RMessier@grandriver.ca>; dmackenzie@npca.ca; carolyn.lee@ontario.ca; clarissa.whitelaw@ontario.ca; taylor.buck@ontario.ca; stephen.burt@ontario.ca; barbara.slattery@ontario.ca; michele.doncaster@ontario.ca; drew.crinklaw@ontario.ca; karla.barboza@ontario.ca; Joseph.muller@ontario.ca; brenda.blancher@granderie.ca; jennifer.davey@opp.ca; phil.carter@opp.ca; Belinda.Rose@opp.ca; erick.boyd@ontario.ca; david.marriott@ontario.ca; steven.mcinnis@ontario.ca
Cc: Blair Shoniker <Blair.Shoniker@ghd.com>; 018235 <018235@ghd.com>
Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good morning Government Review Team,

On behalf of Brooks Road, we would like to inform you that the Consultation Summary Report associated with the Brooks Road Environmental Amendment to the Annual Fill Rate Environmental Screening process has been posted on the Brooks Road Environmental website in the documents section. [Click here](#) to view the document library.

For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,

Alana Wittman
MES, Planning
Environmental Planner

GHD

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184 Front Street, Suite 302, Toronto, Ontario, M5A 4N3

D +1 416 866 2353 E alana.wittman@ghd.com

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Please consider the environment before printing this email

From: Katrina Kroeze

Sent: Thursday, November 19, 2020 6:04 PM

To: rmessier@grandriver.ca; dmackenzie@npca.ca; carolyn.lee@ontario.ca; clarissa.whitelaw@ontario.ca; taylor.buck@ontario.ca; stephen.burt@ontario.ca; barbara.slattery@ontario.ca; michele.doncaster@ontario.ca; drew.crinklaw@ontario.ca; karla.barboza@ontario.ca; Joseph.muller@ontario.ca; brenda.blancher@granderie.ca; jennifer.davey@opp.ca; phil.carter@opp.ca; Belinda.Rose@opp.ca; erick.boyd@ontario.ca; david.marriott@ontario.ca; steven.mcinnis@ontario.ca

Cc: 018235 <018235@ghd.com>; Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: RE: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Good evening Government Review Team,

As indicated in the email below, Brooks Road Environmental (Brooks Road) has initiated an Environmental Screening process in order to amend the existing Environmental Compliance Approval (ECA) for the Brooks Road Landfill (the Site) at 160 Brooks Road, near Cayuga, Haldimand County, Ontario.

You are invited to participate in an Online Open House from November 12 to November 26, 2020 to learn more and provide comments on the Environmental Screening process.

Thank you for your cooperation in helping reduce the spread of COVID-19 and participating in this alternative format. If you have any questions or require the information presented through this Online Open House in an alternative format, please do not hesitate to contact me.

[Click here to start the Online Open House.](#)

KATRINA KROEZE

Engagement Consultant

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M 416 992 9669 E katrina.kroeze@ghd.com

From: Blair Shoniker <Blair.Shoniker@ghd.com>

Sent: Thursday, November 05, 2020 9:33 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Cc: 018235 <018235@ghd.com>

Subject: Notice of Commencement of an Environmental Screening - Brooks Road Environmental

Dear Government Review Team Members,

Brooks Road Environmental, owners and operators of the Brooks Road Landfill, have initiated an Environmental Screening process in accordance with the Waste Management Projects Regulation (O. Reg. 101/07) of the Ontario Environmental Assessment Act (EA Act) in order to amend the existing Environmental Compliance Approval (ECA) for the landfill. Brooks Road Environmental is seeking to amend the approved ECA to allow for an increase to their annual fill rate. There is no change to the currently approved landfill volume, footprint, or final contours.

Please find attached a copy of the Notice of Commencement of an Environmental Screening. The Notice of Commencement will appear in the local papers as well as being sent out via mail and email to local public and Indigenous Communities.

We would like to hold a Government Review Team update meeting during the Screening. Future update meetings are anticipated to be held around key milestones and will be communicated to you well in advance.

We will continue to notify you about this Environmental Screening, unless we hear from you stating that you do not wish to be consulted on this undertaking. For further information on the proposed study, please feel free to contact the undersigned and visit <https://www.brenvironmental.com/> for further details to be posted throughout the process.

Regards,
Blair

BLAIR SHONIKER | A GHD PRINCIPAL
MA., RPP.
Senior Waste & Environmental Planner

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Katrina Kroeze

From: Blair Shoniker
Sent: Monday, November 23, 2020 2:00 PM
To: Katrina Kroeze; Alana Wittman
Subject: FW: 2020FillRateAmendment_MHSTCIcomments
Attachments: 2020FillRateAmendment_MHSTCIcomments.pdf

DISABLEFILINGSTATUS: 0

From: Kirzati, Katherine (MHSTCI) <Katherine.Kirzati@ontario.ca>
Sent: Monday, November 23, 2020 11:32 AM
To: Blair Shoniker <Blair.Shoniker@ghd.com>; richard@brenvironmental.com
Subject: 2020FillRateAmendment_MHSTCIcomments

Good Day Blair:

Attached please find MHSTCI's comments on the above-noted matter.

Regards, Katherine

Katherine Kirzati
Heritage Planner

Ministry of Heritage, Sport, Tourism and Culture Industries
Heritage Planning Unit Programs and Services Branch
401 Bay St, Suite 1700 Toronto, ON M7A 2R9
416.728.3494 katherine.kirzati@ontario.ca

November 23, 2020

Email Only

Blair Shoniker
Senior Waste and Environmental Planner
GHD Limited
blair.shoniker@ghd.com

MHSTCI File : 0000397
Proponent : Brooks Road Environmental
Subject : Notice of Commencement – Environmental Screening
Project : Amendment to the Annual Fill Rate for the Brooks Road Landfill
Location : 160 Brooks Road, east of the Community of Cayuga, Haldimand County

Dear Mr. Shoniker:

Thank you for providing the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) with the Notice of Commencement for the above-referenced project. MHSTCI's interest in this matter relates to its mandate of conserving Ontario's cultural heritage.

Project Summary

Brooks Road Environmental has initiated an Environmental Screening process to amend the existing Environmental Compliance Approval (ECCA), by modifying Condition 37 of the ECA to increase the annual fill rate (from 151,000 tonnes per year to 250,000 tonnes per year) in order to reach the ultimate approved capacity sooner.

Comments

MHSTCI has reviewed the *Brooks Road Landfill Rate Increase Project Description and Screening Checklist* (GHD Limited, no date). Section 7 of the checklist indicates that there will be no impacts on cultural heritage resources (archaeological resources, built heritage resources and cultural heritage landscapes) as the existing footprint of the landfill will not change to accommodate an increase in fill rate.

Based on this information, MHSTCI has no comment on the Environmental Screening. Should the project undergo any changes from its current proposal, particularly in expanding the footprint, please contact the undersigned as we may have comments on the modifications.

Sincerely,

Katherine Kirzati
Heritage Planner
Heritage Planning Unit
name.name@ontario.ca

c: Richard Weldon, Manager, Brooks Road Environmental

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MHSTCI makes no representation or warranty as to the completeness, accuracy or quality of any checklists, reports or supporting documentation submitted as part of the EA process and in no way shall MHSTCI be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MHSTCI if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416.326.8800) must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Katrina Kroeze

From: Blair Shoniker
Sent: Thursday, November 26, 2020 5:49 PM
To: Richard Weldon; snwillis@hotmail.com; tim@gpenvironmental.ca; Bill Sutton
Cc: Ryan Loveday; Daniel Turner; Katrina Kroeze
Subject: FW: Brooks Environmental Screening Under Waste Management Regulation 101/07
Attachments: Brooks Road Waste Screening 2020 acklet.docx

DISABLEFILINGSTATUS: 0

From: Slattery, Barbara (MECP) <barbara.slattery@ontario.ca>
Sent: Thursday, November 26, 2020 2:01 PM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Cc: Buck, Taylor (MECP) <Taylor.Buck@ontario.ca>
Subject: Brooks Environmental Screening Under Waste Management Regulation 101/07

With best regards,

Barb Slattery, EA/Planning Coordinator
Ministry of the Environment, Conservation and Parks
Project Review Unit, Environmental Assessment Branch
(365) 366-8185

We want to hear from you. How was my service? You can provide feedback at 1-888-745-8888.

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment Branch

Direction des évaluations
environnementales

1st Floor

135 St. Clair Avenue W
Toronto ON M4V 1P5

Tel.: 416 314-8001

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Tél. : 416 314-8001

Télééc. : 416 314-8452

365-366-8185

Via email only

November 26, 2020

Blair Shoniker
GHD Limited

**Re: Notice of Commencement of Screening Under O. Reg. 101/07
Brooks Road Environmental
Response to Notice of Commencement**

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that Brooks Road Environmental has indicated that the study is following the screening process for waste management projects as provided for in Ontario Regulation 101/07. It is understood that this screening is being undertaken in order to assess the impacts and identify required mitigation as a result of the intent to allow for the daily receipt of 1,000 tonnes per day throughout the year to be amended from the yearly maximum of 151,000 tonnes to for an annual fill rate of 250,000 tonnes. It is understood that all other conditions of the existing approval for this landfill would remain unchanged.

It is expected that as part of this screening, notification and consultation will continue to be undertaken with the Six Nations of the Grand River, the Mississaugas of the Credit First Nation and the Metis Nation of Ontario, specifically Region 9 chapters.

Also, it has been noted that in your completion of the screening criteria checklist, the assessment of potential impacts suggests that the following impacts are possible as a result of the intent to increase the yearly fill rate, such that the screening is to be scoped to only assess the following:

- Cause negative effects from the emission of greenhouse gases (e.g., carbon dioxide, carbon monoxide, methane)?
- Cause negative effects from the emission of dust or odour?

- Cause negative effects from the emission of noise?
- Cause negative effects related to traffic?

Emissions included in the ESDM Report (June 26, 2020) prepared by GHD were based on landfill gas and methane generation modelling that was performed in 2016. The modelling utilized the LandGEM model and projected waste disposal rates. This modelling was used to support the landfill design with no gas collection system.

The methane and landfill gas modelling used a waste acceptance rate of 75,500 tonnes per year as an assumption for the 2017 calendar year and each year onward until capacity was reached. Peak methane and landfill gas generation was assumed to occur in 2024 as:

- 123 m³/hr of methane;
- 273.4 m³/hr of landfill gas.

The emission rates for air contaminants in the ESDM Report are based on the landfill gas generation. Since a significant increase in the annual fill rate is now being contemplated, as part of the assessment of air quality impacts you should:

1. Confirm that the landfill gas/methane generation analysis performed earlier is still valid or will be updated based on this new proposal (disposal rates).
2. Confirm that the leachate treatment system can accommodate the proposed increased volume of waste.
3. Update the ESDM Report accordingly (considering landfill gas/methane generation and leachate treatment).
4. Revise the Odour Management Plan in consideration of any resulting changes in site operations and 1 and 2 above.


We encourage you to provide your workplan explaining how you will measure any changes in air quality impacts before you undertake this modelling to confirm the appropriateness of the methodology.

We suggest that it is necessary to demonstrate the difference between the two scenarios; current annual landfilling and future/maximum annual landfilling. It may also be necessary to model any intermediate rates of landfilling depending on how quickly you anticipate reaching the 250,000 tonnes per year rate. This is typically done where there is a history of community complaints/concerns.

Also, we suggest that impacts relating to leachate generation should also be scoped into the screening. Specifically, the effects of increasing the fill rate will need to be evaluated within the context of the leachate management plan (LMP) that was recently reviewed and incorporated into the ECA issued in March, 2020. The LMP has both capacity and leachate elevation-based targets for the volume of leachate that is currently stored in the base of the landfill. Increasing the fill rate will shorten the timeframe for meeting these leachate targets, which will need to be addressed.

Should you have questions or wish to discuss these comments, please contact me at Barbara.slattery@ontario.ca or by calling me at (365) 366-8185.

With regards,

A handwritten signature in cursive script that reads "Barbara Slattery". The signature is written in dark ink on a light-colored background.

EA/Planning Coordinator

Encl.



**Brooks Road
Environmental**

Comments from the Public RE Online Open House #2

Date Submitted	Do you have any comments or questions about the Environmental Screening Process	Do you have any comments or questions on the technical studies conducted?	Do you have any comments or questions on the proposed mitigation measures?	Do you have any additional comments or questions?
3/14/2021	No change in truck traffic on the haul route from Highway 3 along Brooks Rd?? But then another area said increase of 16 trucks per hour daily during daytime operations only if annual fill rate increased to 250,000 tonnes??	landfill gases-insignificant based on operations at landfill....methane gas -low level so no gas collection and control system needed?? I thought that all landfills had to have this collection and control system in place?? If not needed now....hopefully it will stay that way!!	<p>Daily odor monitored by site operators.....is this monitoring done on the weekends as well or only when there are complaints??</p> <p>Still concerned about traffic and odors and leachate if annual fill rate is increased!! Will BRE be able to handle another wet spring as far as leachate goes?? As 2019 was a horrible year for rain and increased leachate levels and horrible odors coming from BRE!!</p> <p>300mm of daily cover where landfilling has ceased for 6 months or more and more daily cover added to landfill daily if odors are evident....is this daily cover already on site or does it have to be hauled in daily/weekly as well adding to the already increased number in trucks??</p>	Follow the MOE rules keep your equipment maintained and watch your leachate levels so that we don't have the odor issues that we have had in the past!!
3/15/2021	I noticed there were various routes and locations for the shredder and drop location. As the closest houses are to the west of the site, I would recommend the example shown in Fig. 3.6.1, which puts the shredder in the far southeast corner of the site, and has the shortest route from the entrance. This would maximize the distance from nearby houses, (for minimal noise) while keeping the dust to a minimum and away from the road.			I still feel you intentionally make the bare minimum effort to apprise the population of Haldimand, and Cayuga by your choice of newspapers you publish notices in: i.e. The Sachem and Glanbrook Gazette. No offence to these publications, but the Glanford Gazette serves Glanford and Binbrook, and those people don't have any interest in a dump in Cayuga. The Sachem serves Haldimand, but comes in a blue bag with all the flyers. A high percentage of people throw this

				<p>bundle directly into the recycle bin, never to be read by anyone.</p> <p>If you want to reach people who actually read the newspaper, at least use the Haldimand Press, which has paid subscriptions which reach a lot of readers in the community</p>
--	--	--	--	---



**Comments from Agencies
RE Online Open House #2 and the Draft
Environmental Screening Report**

Alana Wittman

From: Kirzati, Katherine (MHSTCI) <Katherine.Kirzati@ontario.ca>

Sent: Wednesday, March 10, 2021 2:12 PM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Subject: Brooks Road Landfill_Annual Fill Rate Increase_2021 Draft ESR_MHSTCI Comments

You don't often get email from katherine.kirzati@ontario.ca. [Learn why this is important](#)

Good Afternoon Blair:

Thank you for notifying our ministry that the presentation for PIC #2 and the draft Environmental Screening Report (ESR), dated March 2021, are available for review.

I've read through the draft ESR and offer the following comments:

Table 3.1 Screening Criteria Checklist

- please rename item 7 from "Heritage and Culture" to "Cultural Heritage Resources", as this term refers to archaeological resources, built heritage resources and cultural heritage landscapes

4.7 Heritage and Culture

[Feedback](#)

reasons noted above

- please include the completed MHSTCI checklists in the final ESR, as they are considered supporting documentation regarding the statements that cultural heritage resources will not be impacted by the proposal

Table 6.1 List of Agencies and Indigenous Communities Contacted

- an older version of our ministry's name has been entered, therefore, please use our current name of "Ministry of Heritage, Sport, Tourism and Culture Industries" (correctly noted in other sections of the document)

Thank you for the opportunity to comment on the draft ESR. If you have any questions, please contact me at any time.

Regards, Katherine

Katherine Kirzati

Heritage Planner

Ministry of Heritage, Sport, Tourism and Culture Industries

Heritage Planning Unit

Programs and Services Branch

401 Bay St, Suite 1700
416.728.3494

Toronto, ON M7A 2R9
katherine.kirzati@ontario.ca

Alana Wittman

From: Slattery, Barbara (MECP) <barbara.slattery@ontario.ca>
Sent: Monday, March 22, 2021 2:14 PM
To: Blair Shoniker <Blair.Shoniker@ghd.com>
Cc: Fowler, Craig (MECP) <Craig.Fowler2@ontario.ca>
Subject: Brooks road Landfill - Draft Screening Report Comment

Good afternoon Blair,

As we discussed last Friday afternoon, here are the comments received from Craig Fowler of the Permissions Branch following his review of the Draft Screening Report:

- No issues with how the company has addressed the impacts of the proposed change for increasing the number of days per year that 1000 tonnes/day of waste can be received at the landfill.
- No changes to the design of the landfill would be required to accommodate the increase in waste received at the site on an annual basis.
- However, from an operational perspective, the company has not discussed nor demonstrated that they will be able to remain compliant with the conditions in the approval related to the management and removal of leachate that is stored in the landfill. The increase in the amount of waste received at the landfill on an annual basis will result in an accelerated schedule for leachate removal and this has not been addressed in the screening report.

Accordingly, it is our expectation that the final Screening Report will address this by providing more explicit detail as to how leachate management at the landfill will be addressed to account for the proposed chain.

As I mentioned to you on Friday, I expect to have the air quality impacts comments by the end of this week and will forward them on to you.

I also wish to take this opportunity to let you know that moving forward, your EA point of contact on this project will be Joan Del Villar.

Thank you

Barb Slattery, EA/Planning Coordinator
Ministry of the Environment, Conservation and Parks
Project Review Unit, Environmental Assessment Branch
(365) 366-8185

We want to hear from you. How was my service? You can provide feedback at 1-888-745-8888.

Alana Wittman

From: Slattery, Barbara (MECP) <barbara.slattery@ontario.ca>

Sent: Thursday, March 25, 2021 8:58 AM

To: Blair Shoniker <Blair.Shoniker@ghd.com>

Cc: Lalonde, Richard (MECP) <Richard.Lalonde@ontario.ca>; Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>

Subject: Brooks Road Draft Screening Report - MECP Response to Air Quality Impact Assessment

Good morning Blair,

Please consider the following comments following the review of the Draft Screening Report's assessment of air quality impacts. To be more efficient, please contact Rich Lalonde directly (365) 889-1156 or richard.lalonde@ontario.ca)

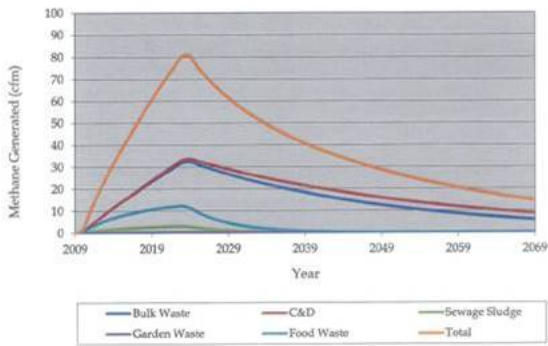
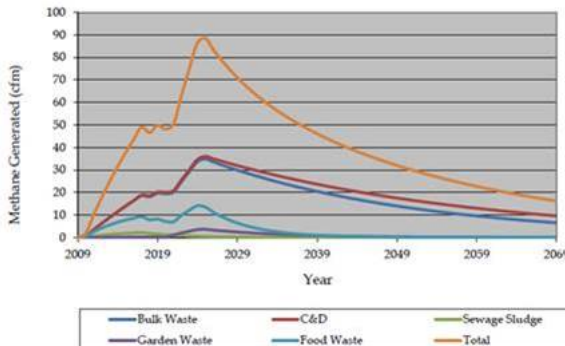
I'd also like to take this opportunity to introduce you to Joan Del Villar Cuicas. Joan is taking over as the REAC for the Ministry's West Central Region effective March 31st. Accordingly, please amend your mailing lists to remove me and add Joan for this and all future projects within this region.

The comments made below are specific to the requested assessment considerations in the Ministry's November 26, 2020 letter.

1. [Confirm that the landfill gas/methane generation analysis performed is still valid or needs to be updated based on this new proposal \(disposal rates\).](#)

A March 1, 2021 Memorandum titled "Predicted Methane Generation – Brooks Road Landfill" prepared by GHD (2021 Memo) was included as Appendix B.1 in the Draft ESR Appendices document. This was an update of GHD's predicted methane generation November 16, 2016 memo to address the proposed increase in annual waste acceptance rates. The 2021 Memo includes revised annual waste acceptance rates and updated methane gas generation rates, as summarized and compared to the 2016 memo in the table below.

2016 memo	2021 memo	Comments																								
Page 2 "Waste acceptance Rate of 75,500 tonnes per year from 2017 to closure (approx. 2023)".	Page 2 "Waste acceptance Rate of 250,000 tonnes per year from 2021 to closure (approx. 2024)".	The 2021 memo has incorporate the proposed maximum waste acceptance rates in the assessment.																								
Page 3 "Estimated methane generation in the peak year (2024) of approx. 809 tonnes, converted to 80.5 scfm".	Page 3 "Estimated methane generation in the peak year (2025) of approx. 801 tonnes, converted to 80 scfm".	Table 10 of the 2021 indicates a methane generation rate of 890 tonnes, as supported by Figure 1 below. The Pg 3 2021 memo may have used the 800.9 value of methane generation adjusted for oxidation from Table 11 - Potential minor discrepancy.																								
Landfill design capacity was reached for both the Existing Landfill (approximately 624,065 tonnes assuming a density of 1 tonne per cubic meter) and the proposed Expansion (approximately 421,000 tonnes assuming a density of 1 tonne per cubic meter).	Landfill design capacity was reached for both the Existing Landfill (624,065 m3) and the approved vertical expansion (421,000 m3) for a total estimated approved capacity of 1,045,065 m3.	The design capacity in the 2021 memo is consistent with the current proposal.																								
<p>The estimated maximum landfill gas generation and methane generation quantities for the Brooks Road Landfill are shown in the table below (adjusted for cover oxidation):</p> <table> <tr> <td colspan="3">Maximum Generation</td></tr> <tr> <td></td><td>cfm</td><td>m3/hr</td></tr> <tr> <td>LFG</td><td>160.9</td><td>273.4</td></tr> <tr> <td>Methane</td><td>72.4</td><td>123.0</td></tr> </table> <p>Based on an evaluation of the waste quantities shown in Table 2, the landfill accepts mostly construction/demolition waste (~53 percent) and inert material (~30 percent). These waste categories contain a very low amount of degradable organic content (DOC) when compared with higher organic materials such as bulk waste and food waste. Therefore, the landfill is not expected to generate a large amount of methane emissions as a typical MSW landfill would.</p>	Maximum Generation				cfm	m3/hr	LFG	160.9	273.4	Methane	72.4	123.0	<p>The estimated maximum landfill gas generation and methane generation quantities for the Brooks Road Landfill are shown in the table below (adjusted for cover oxidation):</p> <table> <tr> <td colspan="3">Maximum Generation</td></tr> <tr> <td></td><td>cfm</td><td>m3/hr</td></tr> <tr> <td>LFG</td><td>177.0</td><td>300.8</td></tr> <tr> <td>Methane</td><td>79.7</td><td>135.3</td></tr> </table> <p>Based on an evaluation of the waste quantities shown in Table 2F, the landfill accepts mostly construction/ demolition waste (~27 percent) and inert material (~65 percent). These waste categories contain a very low amount of degradable organic content (DOC) when compared with higher organic materials such as bulk waste and food waste. Therefore, the landfill is not expected to generate a large amount of methane emissions as a typical MSW landfill would.</p>	Maximum Generation				cfm	m3/hr	LFG	177.0	300.8	Methane	79.7	135.3	A revised estimate maximum landfill gas generation rate, based on the expected waste types and volumes to be received, has been included in the 2021 memo.
Maximum Generation																										
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<p align="center">Figure 1 Brooks Road Landfill LandGEM - Modeled Methane Generation</p> 	<p align="center">Figure 1 Brooks Road Landfill LandGEM - Modeled Methane Generation</p> 	<p>Figure 1 of the 2021 memo has been updated in accordance with the proposed maximum waste acceptance rates.</p>
<p>Average annual waste quantities in Table 3 from 2021 to 2023: 75,500 MT/yr</p>	<p>Average annual waste quantities in Table 3 from 2021 to 2023: 250,00 MT/yr</p>	<p>Acceptable. Waste quantities are consistent with the proposed maximum scenario. Methane generation rates have been revised based on the proposed maximum scenario.</p>
<p>Table 10: Total 2024 CH₄ Generated (metric tons): 809</p>	<p>Table 10: Total 2025 CH₄ Generated (metric tons): 890</p>	
<p>Table 11: Calculation of methane generation, adjusted for oxidation = 728.1 metric tons</p>	<p>Table 11: Calculation of methane generation, adjusted for oxidation = 800.9 metric tons</p>	

The revised 2021 memo demonstrates a potential increase in methane gas generation of approximately 10%. Revised Emission Summary and Dispersion Modelling Reports prepared for the facility are to include the revised methane/landfill gas generation rates in the 2021 memo.

2. Confirm that the leachate treatment system can accommodate the proposed increased volume of waste.

The report titled, “Leachate Assessment Report – Brooks Road Environmental Landfill – Fill Rate Amendment – Environmental Screening Study”, date March 2021 prepared by GHD, was included as Appendix E to the Draft Environmental Screening Report March 2021.

As per the Ministry’s request, the Leachate Assessment Report included an evaluation of the effects of increasing the fill rate be evaluated within the context of the Leachate Management Plan (LMP) that was developed and incorporated into the ECA issued in March 2020.”

The Report concluded:

“The proposed fill rate adjustment will not change the currently approved total landfill volume, size of landfill footprint, final Site contours, Site operations, or cover and base designs. As such, there are no anticipated changes to the conditions or operation of the Leachate Management System.

Therefore, there are no anticipated net effects associated with the Leachate Management System (i.e., no mitigation measures, monitoring requirement adjustments, or additional approvals).”

It is recommended that Leachate Management System also be considered during the review of an application for an amendment to the Waste ECA for this facility.

3. Update the ESDM Report accordingly (considering landfill gas/methane generation and leachate treatment).

In the Screening Criteria Checklist provided in the Draft ESR Appendices, the following criteria were listed as they relate to air emissions and odour.

	Criterion Might the project...			MECP Comments
3.2	Cause negative effects from the emission of greenhouse gases (e.g., carbon dioxide, carbon monoxide, methane)?	Yes	The proposed Environmental Compliance Approval amendment will result in a potential increase in emissions associated with additional truck movements to/from the Site.	There is potential for an increase in odorous emissions as a result of the potential increase in methane/landfill gas generation, as opposed to only truck movements to/from the Site.
3.3	Cause negative effects from the emission of dust or odour?	Yes	The proposed Environmental Compliance Approval amendment will result in a potential increase in dust and odour emissions associated with additional truck movements to/from the Site.	

The previous Notice of Approval – Order in Council 186/2019, required that an Emission Summary and Dispersion Modelling Report, that includes landfill gas, be provided with the Environmental Compliance Approval Application.

The ESDM Report, dated June 25, 2020 that was included as Appendix A to the June 2020 Odour Management Plan, identified the following contaminants as significant for the purposes of the ESDM Report.

- 1,1,2,2-tetrachloroethane;
- Vinyl Chloride;
- Acrylonitrile;
- Dimethyl sulfide;
- Ethyl mercaptan;
- Benzene;

- Hydrogen Sulphide; and
- Odour.

It is recommended that the ESDM Report be revised to incorporate the potential increases in methane/landfill gas generation at the facility to assess any negative effects from the criteria in the table above. However, the revised ESDM Report may not be a requirement of the Environmental Screening Report exercise.

4. [Revise the Odour Management Plan in consideration of any resulting changes in site operations and 1 and 2 above.](#)

An assessment of potential increases of odorous emissions and measures in order to reduce and/or mitigate odour impacts from the Site have been described in the Environmental Screening Report. In summary, the proposal indicates that no increases in odorous emissions are expected.

The Facility has prepared an Odour Management Plan that describes the potential sources of odour and mitigation and contingency measures that may be implemented. The Odour Management Plan should be revised to address the proposed modifications to operations and increases in waste received. However, the revised Odour Management Plan may not be a requirement of the Environmental Screening Report exercise.

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about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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